

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042523\
 Data File : BN025132.D
 Acq On : 25 Apr 2023 16:34
 Operator : CG/JU
 Sample : PB152285BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS285

Quant Time: Apr 26 00:46:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 25 08:52:18 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/26/2023
 Supervised By : Jagrut Upadhyay 04/26/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	282777	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	1296116	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.563	164	838336	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.310	188	1853360	20.000	ng/u1	0.00
79) Chrysene-d12	21.504	240	1748051	20.000	ng/u1	0.00
88) Perylene-d12	23.927	264	1776542	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	40978	5.515	ng/uL	0.00
4) Pyridine-d5	3.711	84	614122	27.604	ng/u1	0.00
7) Phenol-d5	7.075	99	829697	30.095	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.240	67	559508	30.343	ng/u1	0.00
11) 2-Chlorophenol-d4	7.440	132	633532	31.270	ng/u1	0.00
15) 4-Methylphenol-d8	8.628	113	671958	30.702	ng/u1	0.00
21) Nitrobenzene-d5	9.087	128	322473	30.728	ng/u1	0.00
24) 2-Nitrophenol-d4	9.805	143	363806	32.005	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.346	165	647877	31.888	ng/u1	0.00
31) 4-Chloroaniline-d4	10.863	131	897289	29.101	ng/u1	0.00
46) Dimethylphthalate-d6	13.969	166	2025291	31.163	ng/u1	0.00
49) Acenaphthylene-d8	14.251	160	2322786	31.189	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	412817	30.988	ng/u1	0.00
60) Fluorene-d10	15.557	176	1709281	31.151	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	361721	29.990	ng/u1	0.00
73) Anthracene-d10	17.410	188	2631409	30.230	ng/u1	0.00
81) Pyrene-d10	19.704	212	3094610	30.487	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.774	264	3028971	32.608	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.323	88	87168	10.872	ng/uL	97
5) Pyridine	3.734	79	620179	26.981	ng/u1	95
6) Benzaldehyde	7.052	77	475539	35.303	ng/u1	97
8) Phenol	7.105	94	868955	30.265	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.334	93	677501	30.057	ng/u1	100
12) 2-Chlorophenol	7.475	128	640785	30.282	ng/u1	99
13) 2-Methylphenol	8.358	108	630088	29.890	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.446	45	1343917	30.364	ng/u1	100
16) Acetophenone	8.746	105	1055863	30.510	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.728	70	578824	31.009	ng/u1	100
18) 4-Methylphenol	8.693	108	708219	30.212	ng/u1	98
19) Hexachloroethane	8.993	117	254913	29.849	ng/u1	97
22) Nitrobenzene	9.128	77	850507	30.160	ng/u1	99
23) Isophorone	9.652	82	1585998	30.639	ng/u1	100
25) 2-Nitrophenol	9.840	139	378871	30.898	ng/u1	100
26) 2,4-Dimethylphenol	9.899	107	667001	25.836	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.134	93	961906	29.860	ng/u1	99
29) 2,4-Dichlorophenol	10.369	162	630250	30.908	ng/u1	99
30) Naphthalene	10.775	128	2165646	29.918	ng/u1	99
32) 4-Chloroaniline	10.893	127	821972	26.334	ng/u1	99
33) Hexachlorobutadiene	11.057	225	370754	31.194	ng/u1	97
34) Caprolactam	11.663	113	216940m	30.354	ng/u1	
35) 4-Chloro-3-methylphenol	12.016	107	746514	31.224	ng/u1	97
36) 2-Methylnaphthalene	12.387	142	1459957	30.518	ng/u1	98

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Quant Time: Apr 26 00:46:31 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M

Quant Title : SVOA CALIBRATION

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.604	142	1498528	31.379	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.751	216	740351	30.276	ng/ul	97
40) Hexachlorocyclopentadiene	12.734	237	281669	18.890	ng/ul	99
41) 2,4,6-Trichlorophenol	12.993	196	503834	30.155	ng/ul	95
42) 2,4,5-Trichlorophenol	13.069	196	565417	30.924	ng/ul	96
43) 1,1'-Biphenyl	13.393	154	1982352	29.678	ng/ul	100
44) 2-Chloronaphthalene	13.440	162	1540159	29.696	ng/ul	98
45) 2-Nitroaniline	13.646	65	571275	31.544	ng/ul	98
47) Dimethylphthalate	14.022	163	2043108	31.245	ng/ul	99
48) 2,6-Dinitrotoluene	14.145	165	411575	32.246	ng/ul	100
50) Acenaphthylene	14.281	152	2485352	30.384	ng/ul	97
51) 3-Nitroaniline	14.475	138	435059	32.436	ng/ul	97
52) Acenaphthene	14.628	153	1679215	29.694	ng/ul	97
53) 2,4-Dinitrophenol	14.681	184	222891	27.160	ng/ul	97
55) 4-Nitrophenol	14.781	109	335575	30.950	ng/ul	95
56) Dibenzofuran	14.957	168	2357287	30.242	ng/ul	96
57) 2,4-Dinitrotoluene	14.928	165	609866	33.009	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.187	232	476855	31.672	ng/ul	98
59) Diethylphthalate	15.381	149	2067853	31.471	ng/ul	99
61) Fluorene	15.610	166	1942401	30.982	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.604	204	938479	32.159	ng/ul	96
63) 4-Nitroaniline	15.634	138	473592	35.830	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.692	198	353768	29.942	ng/ul	98
67) N-Nitrosodiphenylamine	15.816	169	1681315	29.902	ng/ul	97
68) 4-Bromophenyl-phenylether	16.498	248	545927	29.305	ng/ul	92
69) Hexachlorobenzene	16.616	284	659602	31.273	ng/ul	99
70) Atrazine	16.769	200	460296	24.058	ng/ul	98
71) Pentachlorophenol	16.957	266	375236	28.622	ng/ul	98
72) Phenanthrene	17.351	178	3129921	29.926	ng/ul	99
74) Anthracene	17.445	178	3033520	28.784	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	743011	28.186	ng/ul	98
76) Pentachlorobenzene	14.881	250	770028	30.531	ng/ul	99
77) Carbazole	17.716	167	2943178	30.929	ng/ul	99
78) Di-n-butylphthalate	18.275	149	3584808	31.738	ng/ul	99
80) Fluoranthene	19.369	202	3714091	30.529	ng/ul	99
82) Pyrene	19.733	202	3811203	29.763	ng/ul	97
83) Butylbenzylphthalate	20.627	149	1682106	31.640	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.422	252	1138913	28.397	ng/ul	98
85) Benzo(a)anthracene	21.486	228	3701265	29.481	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.404	149	2423986	30.543	ng/ul	99
87) Chrysene	21.539	228	3530655	29.525	ng/ul	96
89) Di-n-octyl phthalate	22.339	149	4237471	34.709	ng/ul	100
90) Benzo(b)fluoranthene	23.186	252	3655668	31.377	ng/ul	97
91) Benzo(k)fluoranthene	23.239	252	3650187	31.840	ng/ul	99
93) Benzo(a)pyrene	23.821	252	3151810	30.899	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.451	276	3848828	31.142	ng/ul	99
95) Dibenzo(a,h)anthracene	26.468	278	3173072	31.098	ng/ul	100
96) Benzo(g,h,i)perylene	27.227	276	3084871	30.760	ng/ul	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

