

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032923\
 Data File : BN024588.D
 Acq On : 28 Mar 2023 16:58
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020263

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/29/2023
 Supervised By : Jagrut Upadhyay 03/29/2023

Quant Time: Mar 29 05:03:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032923.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 29 03:32:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	277254	20.000	ng/u1	0.00
20) Naphthalene-d8	10.822	136	1272836	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.645	164	803992	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	1736914	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	1633597	20.000	ng/u1	0.00
88) Perylene-d12	24.063	264	1843584	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	59875	8.373	ng/uL	0.00
4) Pyridine-d5	3.799	84	422503	20.461	ng/u1	0.00
7) Phenol-d5	7.158	99	542751	20.685	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	362295	21.382	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	415609	21.365	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	444606	21.188	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	214798	21.323	ng/u1	0.00
24) 2-Nitrophenol-d4	9.899	143	228401	20.947	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	422397	21.329	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	640517	21.197	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	1303240	21.079	ng/u1	0.00
49) Acenaphthylene-d8	14.334	160	1531634	21.756	ng/u1	0.00
54) 4-Nitrophenol-d4	14.834	143	270449	20.900	ng/u1	0.00
60) Fluorene-d10	15.634	176	1131248	21.325	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	226339	19.784	ng/u1	0.00
73) Anthracene-d10	17.486	188	1754281	21.474	ng/u1	0.00
81) Pyrene-d10	19.775	212	1982445	20.988	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.910	264	2036633	21.802	ng/u1	0.02
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.405	88	65127	8.452	ng/uL	99
5) Pyridine	3.817	79	448752	20.879	ng/u1	99
6) Benzaldehyde	7.134	77	314810	26.287	ng/u1	99
8) Phenol	7.187	94	573725	21.065	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.422	93	463492	21.581	ng/u1	98
12) 2-Chlorophenol	7.563	128	427851	21.082	ng/u1	99
13) 2-Methylphenol	8.446	108	425986	20.944	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.534	45	819208	21.472	ng/u1	99
16) Acetophenone	8.834	105	719328	21.960	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.816	70	378703	21.968	ng/u1	99
18) 4-Methylphenol	8.775	108	479068	21.215	ng/u1	100
19) Hexachloroethane	9.087	117	165374	20.632	ng/u1	96
22) Nitrobenzene	9.216	77	551578	21.080	ng/u1	98
23) Isophorone	9.740	82	1038401	21.351	ng/u1	99
25) 2-Nitrophenol	9.928	139	253664	21.399	ng/u1	98
26) 2,4-Dimethylphenol	9.987	107	521371	21.175	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.222	93	653345	20.933	ng/u1	99
29) 2,4-Dichlorophenol	10.463	162	424497	21.133	ng/u1	97
30) Naphthalene	10.869	128	1499179	21.197	ng/u1	99
32) 4-Chloroaniline	10.981	127	654078	21.376	ng/u1	100
33) Hexachlorobutadiene	11.157	225	242711	20.981	ng/u1	98
34) Caprolactam	11.751	113	139699m	20.110	ng/u1	
35) 4-Chloro-3-methylphenol	12.099	107	496101	21.603	ng/u1	97
36) 2-Methylnaphthalene	12.475	142	993832	20.989	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.693	142	1006337	21.450	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.840	216	503963	21.146	ng/u1	97
40) Hexachlorocyclopentadiene	12.816	237	301812	20.124	ng/u1	99
41) 2,4,6-Trichlorophenol	13.075	196	340342	21.434	ng/u1	97
42) 2,4,5-Trichlorophenol	13.146	196	381889	21.883	ng/u1	98
43) 1,1'-Biphenyl	13.481	154	1352804	21.178	ng/u1	99
44) 2-Chloronaphthalene	13.522	162	1057699	21.210	ng/u1	100
45) 2-Nitroaniline	13.722	65	338098	21.821	ng/u1	93
47) Dimethylphthalate	14.098	163	1335294	21.268	ng/u1	99
48) 2,6-Dinitrotoluene	14.216	165	260364	21.893	ng/u1	97
50) Acenaphthylene	14.363	152	1672392	21.697	ng/u1	98
51) 3-Nitroaniline	14.545	138	280254	22.170	ng/u1	98
52) Acenaphthene	14.704	153	1155189	21.507	ng/u1	97
53) 2,4-Dinitrophenol	14.751	184	148846	18.426	ng/u1	98
55) 4-Nitrophenol	14.845	109	211606	21.373	ng/u1	96
56) Dibenzofuran	15.040	168	1605601	21.482	ng/u1	100
57) 2,4-Dinitrotoluene	15.004	165	377270	21.654	ng/u1	95
58) 2,3,4,6-Tetrachlorophenol	15.263	232	308942	21.244	ng/u1	96
59) Diethylphthalate	15.457	149	1322764	21.530	ng/u1	100
61) Fluorene	15.687	166	1310775	21.873	ng/u1	98
62) 4-Chlorophenyl-phenyle...	15.681	204	620613	21.827	ng/u1	98
63) 4-Nitroaniline	15.710	138	292266	23.469	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.763	198	229548	20.290	ng/u1	100
67) N-Nitrosodiphenylamine	15.892	169	1120096	21.565	ng/u1	97
68) 4-Bromophenyl-phenylether	16.575	248	367303	21.187	ng/u1	92
69) Hexachlorobenzene	16.692	284	428456	21.000	ng/u1	98
70) Atrazine	16.845	200	375521	21.161	ng/u1	96
71) Pentachlorophenol	17.034	266	258514	20.728	ng/u1	93
72) Phenanthrene	17.428	178	2095019	21.525	ng/u1	98
74) Anthracene	17.522	178	2108455	21.563	ng/u1	98
75) 1,2,3,4-Tetrachloroben...	13.445	216	512815	20.651	ng/uL	98
76) Pentachlorobenzene	14.957	250	513015	21.268	ng/uL	98
77) Carbazole	17.792	167	1939956	22.066	ng/u1	99
78) Di-n-butylphthalate	18.351	149	2137535	21.456	ng/u1	100
80) Fluoranthene	19.445	202	2389212	21.330	ng/u1	98
82) Pyrene	19.804	202	2536561	21.481	ng/u1	98
83) Butylbenzylphthalate	20.698	149	950812	21.147	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.492	252	882512	23.111	ng/u1	98
85) Benzo(a)anthracene	21.563	228	2493759	21.610	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.480	149	1453387	23.184	ng/u1	99
87) Chrysene	21.616	228	2358082	21.595	ng/u1	99
89) Di-n-octyl phthalate	22.433	149	2372201	21.241	ng/u1	100
90) Benzo(b)fluoranthene	23.304	252	2579330	21.366	ng/u1	98
91) Benzo(k)fluoranthene	23.357	252	2519954	21.866	ng/u1	98
93) Benzo(a)pyrene	23.951	252	2285398	21.619	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.674	276	3009968m	22.344	ng/u1	
95) Dibenzo(a,h)anthracene	26.686	278	2517296m	22.532	ng/u1	
96) Benzo(g,h,i)perylene	27.474	276	2466008m	22.032	ng/u1	

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

