

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012323\
 Data File : BN023765.D
 Acq On : 23 Jan 2023 23:01
 Operator : CG/JU
 Sample : PB150404BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS404

Quant Time: Jan 24 00:03:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 20 23:02:18 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2023
 Supervised By :mohammad ahmed 01/24/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	233306	20.000	ng/u1	0.00
20) Naphthalene-d8	10.699	136	872483	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.540	164	533095	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.287	188	1271224	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	1157179	20.000	ng/u1	0.00
88) Perylene-d12	23.904	264	1230874	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	33162	6.117	ng/uL	0.00
4) Pyridine-d5	3.693	84	484429	29.780	ng/u1	0.00
7) Phenol-d5	7.052	99	645567	31.221	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	393751	31.041	ng/u1	0.00
11) 2-Chlorophenol-d4	7.416	132	511242	32.283	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	508998	30.841	ng/u1	0.00
21) Nitrobenzene-d5	9.058	128	251703	38.258	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	245350	35.228	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	432813	32.580	ng/u1	0.00
31) 4-Chloroaniline-d4	10.840	131	561778	26.885	ng/u1	0.00
46) Dimethylphthalate-d6	13.951	166	1254593	31.637	ng/u1	0.00
49) Acenaphthylene-d8	14.234	160	1419995	32.317	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	257662	31.916	ng/u1	0.00
60) Fluorene-d10	15.528	176	1191301	35.157	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	246836	32.188	ng/u1	0.00
73) Anthracene-d10	17.387	188	1836301	32.280	ng/u1	0.00
81) Pyrene-d10	19.681	212	2150831	32.500	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.739	264	1933865	31.770	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	67425	11.781	ng/uL	100
5) Pyridine	3.717	79	476423	28.610	ng/u1	94
6) Benzaldehyde	7.028	77	393414	49.128	ng/u1	99
8) Phenol	7.081	94	653694	31.057	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.316	93	508137	30.554	ng/u1	99
12) 2-Chlorophenol	7.452	128	516532	31.563	ng/u1	98
13) 2-Methylphenol	8.334	108	486583	30.719	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.422	45	690467	31.043	ng/u1	99
16) Acetophenone	8.722	105	777835	30.493	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.710	70	407761	31.748	ng/u1	99
18) 4-Methylphenol	8.669	108	537859	30.834	ng/u1	97
19) Hexachloroethane	8.969	117	206188	31.502	ng/u1	99
22) Nitrobenzene	9.105	77	609252	37.000	ng/u1	99
23) Isophorone	9.628	82	1024721	34.410	ng/u1	99
25) 2-Nitrophenol	9.810	139	267932	34.609	ng/u1	96
26) 2,4-Dimethylphenol	9.875	107	530293	33.753	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.116	93	641534	33.212	ng/u1	99
29) 2,4-Dichlorophenol	10.346	162	424871	31.963	ng/u1	96
30) Naphthalene	10.752	128	1415798	30.186	ng/u1	99
32) 4-Chloroaniline	10.863	127	548269	26.198	ng/u1	100
33) Hexachlorobutadiene	11.034	225	278133	33.829	ng/u1	94
34) Caprolactam	11.652	113	142660m	31.955	ng/u1	
35) 4-Chloro-3-methylphenol	11.993	107	470658	32.473	ng/u1	99
36) 2-Methylnaphthalene	12.363	142	937813	29.995	ng/u1	96

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.581	142	955313	29.907	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.728	216	486486	30.856	ng/ul	98
40) Hexachlorocyclopentadiene	12.704	237	312269	31.425	ng/ul	99
41) 2,4,6-Trichlorophenol	12.969	196	338299	32.551	ng/ul	98
42) 2,4,5-Trichlorophenol	13.040	196	370225	32.574	ng/ul	91
43) 1,1'-Biphenyl	13.375	154	1250574	30.407	ng/ul	100
44) 2-Chloronaphthalene	13.416	162	965628	30.262	ng/ul	99
45) 2-Nitroaniline	13.628	65	319354	36.292	ng/ul	99
47) Dimethylphthalate	13.998	163	1258767	31.589	ng/ul	100
48) 2,6-Dinitrotoluene	14.122	165	269265	35.743	ng/ul	94
50) Acenaphthylene	14.263	152	1530265	31.322	ng/ul	99
51) 3-Nitroaniline	14.451	138	266395	35.288	ng/ul	98
52) Acenaphthene	14.604	153	1056790	30.681	ng/ul	97
53) 2,4-Dinitrophenol	14.657	184	133979	27.211	ng/ul	96
55) 4-Nitrophenol	14.757	109	207920	31.891	ng/ul	98
56) Dibenzofuran	14.940	168	1598161	33.334	ng/ul	98
57) 2,4-Dinitrotoluene	14.904	165	409104	37.199	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.163	232	356530	36.608	ng/ul	98
59) Diethylphthalate	15.363	149	1461500	36.614	ng/ul	98
61) Fluorene	15.587	166	1351192	34.803	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.581	204	650425	34.413	ng/ul	98
63) 4-Nitroaniline	15.616	138	343617	49.438	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.669	198	240753	31.812	ng/ul	97
67) N-Nitrosodiphenylamine	15.798	169	1182575	33.148	ng/ul	99
68) 4-Bromophenyl-phenylether	16.475	248	413075	32.418	ng/ul	99
69) Hexachlorobenzene	16.587	284	471934	31.606	ng/ul	95
70) Atrazine	16.751	200	439392	32.909	ng/ul	100
71) Pentachlorophenol	16.934	266	299088	31.385	ng/ul	94
72) Phenanthrene	17.328	178	2173931	31.915	ng/ul	100
74) Anthracene	17.422	178	2194192	32.367	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.340	216	490368	28.652	ng/ul	99
76) Pentachlorobenzene	14.851	250	487148	28.416	ng/ul	94
77) Carbazole	17.692	167	2023873	32.880	ng/ul	99
78) Di-n-butylphthalate	18.251	149	2524428	34.543	ng/ul	100
80) Fluoranthene	19.345	202	2543405	32.858	ng/ul	99
82) Pyrene	19.710	202	2592607	31.710	ng/ul	99
83) Butylbenzylphthalate	20.604	149	1193968	36.887	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.398	252	866504	34.279	ng/ul	97
85) Benzo(a)anthracene	21.463	228	2539716	32.401	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.386	149	1689874	35.957	ng/ul	99
87) Chrysene	21.516	228	2396165	32.603	ng/ul	99
89) Di-n-octyl phthalate	22.316	149	2878617	33.886	ng/ul	100
90) Benzo(b)fluoranthene	23.163	252	2520729	32.150	ng/ul	97
91) Benzo(k)fluoranthene	23.216	252	2470171	31.852	ng/ul	99
93) Benzo(a)pyrene	23.786	252	2189919	32.206	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.427	276	2538547	30.208	ng/ul	98
95) Dibenzo(a,h)anthracene	26.433	278	2132465	30.689	ng/ul	99
96) Benzo(g,h,i)perylene	27.198	276	1913967	28.599	ng/ul	97

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

