

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042724\
 Data File : BN031300.D
 Acq On : 28 Apr 2024 11:12
 Operator : MA/JU
 Sample : PB160551BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS551

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/29/2024
 Supervised By :mohammad ahmed 04/29/2024

Quant Time: Apr 28 22:35:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 26 22:57:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	200223	20.000	ng/ul	0.00
20) Naphthalene-d8	10.399	136	990676	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.269	164	688125	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.016	188	1478215	20.000	ng/ul	0.00
79) Chrysene-d12	21.257	240	1350518	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	1438734	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	31906	7.445	ng/uL	0.00
4) Pyridine-d5	3.540	84	389398	31.550	ng/ul	0.00
7) Phenol-d5	6.799	99	593192	35.121	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.963	67	336880	34.282	ng/ul	0.00
11) 2-Chlorophenol-d4	7.152	132	460872	35.045	ng/ul	0.00
15) 4-Methylphenol-d8	8.328	113	492961	34.705	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	248933	34.973	ng/ul	0.00
24) 2-Nitrophenol-d4	9.487	143	275780	37.273	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	501953	34.402	ng/ul	0.00
31) 4-Chloroaniline-d4	10.546	131	757376	33.216	ng/ul	0.00
46) Dimethylphthalate-d6	13.687	166	1607793	33.576	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	1812550	33.403	ng/ul	0.00
54) 4-Nitrophenol-d4	14.492	143	336510	33.670	ng/ul	0.00
60) Fluorene-d10	15.263	176	1336001	32.050	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	279618	37.493	ng/ul	0.00
73) Anthracene-d10	17.116	188	2129904	33.243	ng/ul	0.00
81) Pyrene-d10	19.422	212	2518603	37.951	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	2405562	35.259	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.170	88	47702	10.503	ng/uL	92
5) Pyridine	3.558	79	396880	31.867	ng/ul	95
6) Benzaldehyde	6.769	77	338007	40.756	ng/ul	98
8) Phenol	6.822	94	599522	34.428	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.052	93	458264	33.353	ng/ul	98
12) 2-Chlorophenol	7.181	128	473307	34.625	ng/ul	99
13) 2-Methylphenol	8.063	108	463352	34.336	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.152	45	610180m	34.063	ng/ul	
16) Acetophenone	8.440	105	726970	33.032	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.428	70	373985	34.092	ng/ul	98
18) 4-Methylphenol	8.393	108	524538	34.701	ng/ul	100
19) Hexachloroethane	8.681	117	184855	32.589	ng/ul	98
22) Nitrobenzene	8.816	77	547399	32.584	ng/ul	99
23) Isophorone	9.340	82	1111213	32.412	ng/ul	100
25) 2-Nitrophenol	9.522	139	298515	36.466	ng/ul	96
26) 2,4-Dimethylphenol	9.587	107	498526	29.861	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.822	93	677752	32.547	ng/ul	99
29) 2,4-Dichlorophenol	10.051	162	493782	33.882	ng/ul	99
30) Naphthalene	10.446	128	1595287	31.072	ng/ul	99
32) 4-Chloroaniline	10.569	127	656346	29.625	ng/ul	98
33) Hexachlorobutadiene	10.722	225	272413	30.662	ng/ul	98
34) Caprolactam	11.357	113	195094m	33.977	ng/ul	
35) 4-Chloro-3-methylphenol	11.698	107	586679	34.721	ng/ul	96
36) 2-Methylnaphthalene	12.069	142	1173728	32.418	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	1171978	31.990	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.440	216	591265	32.837	ng/ul	97
40) Hexachlorocyclopentadiene	12.410	237	276135	27.918	ng/ul	99
41) 2,4,6-Trichlorophenol	12.687	196	402651	33.596	ng/ul	96
42) 2,4,5-Trichlorophenol	12.757	196	454766	34.223	ng/ul	99
43) 1,1'-Biphenyl	13.092	154	1516130	32.036	ng/ul	97
44) 2-Chloronaphthalene	13.134	162	1205334	31.872	ng/ul	98
45) 2-Nitroaniline	13.351	65	378869	36.290	ng/ul	98
47) Dimethylphthalate	13.734	163	1600744	32.404	ng/ul	99
48) 2,6-Dinitrotoluene	13.857	165	333704	35.986	ng/ul	99
50) Acenaphthylene	13.987	152	1930076	30.450	ng/ul	99
51) 3-Nitroaniline	14.187	138	379361	35.635	ng/ul	97
52) Acenaphthene	14.334	153	1281552	30.500	ng/ul	98
53) 2,4-Dinitrophenol	14.392	184	189116	36.062	ng/ul	94
55) 4-Nitrophenol	14.504	109	261684	32.263	ng/ul	99
56) Dibenzofuran	14.669	168	1803883	31.050	ng/ul	100
57) 2,4-Dinitrotoluene	14.645	165	502752	35.681	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.898	232	372941	32.475	ng/ul	96
59) Diethylphthalate	15.104	149	1637083	32.223	ng/ul	99
61) Fluorene	15.322	166	1443105	30.184	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.316	204	675620	29.669	ng/ul	97
63) 4-Nitroaniline	15.357	138	412710m	35.957	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.410	198	295896	36.950	ng/ul#	97
67) N-Nitrosodiphenylamine	15.539	169	1318887	33.287	ng/ul	100
68) 4-Bromophenyl-phenylether	16.210	248	463045	33.123	ng/ul	95
69) Hexachlorobenzene	16.316	284	527558	32.735	ng/ul	96
70) Atrazine	16.498	200	326921	23.502	ng/ul	99
71) Pentachlorophenol	16.669	266	338056	32.286	ng/ul	96
72) Phenanthrene	17.063	178	2432216	31.108	ng/ul	98
74) Anthracene	17.151	178	2430887	30.723	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.051	216	600253	34.619	ng/uL	99
76) Pentachlorobenzene	14.581	250	585811	32.718	ng/uL	99
77) Carbazole	17.428	167	2346509	32.466	ng/ul	99
78) Di-n-butylphthalate	17.992	149	2963482	33.639	ng/ul	99
80) Fluoranthene	19.086	202	2893335	36.838	ng/ul	98
82) Pyrene	19.451	202	3087572	37.414	ng/ul	99
83) Butylbenzylphthalate	20.363	149	1406436	38.623	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.174	252	945317	33.593	ng/ul	96
85) Benzo(a)anthracene	21.239	228	3013375	32.858	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.169	149	1929190	35.285	ng/ul	99
87) Chrysene	21.298	228	2844687	32.678	ng/ul	99
89) Di-n-octyl phthalate	22.263	149	3613913	43.578	ng/ul	100
90) Benzo(b)fluoranthene	23.239	252	2966144	36.641	ng/ul	98
91) Benzo(k)fluoranthene	23.298	252	2876668	35.332	ng/ul	98
93) Benzo(a)pyrene	24.015	252	2426536	30.047	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.392	276	3049348	30.429	ng/ul	99
95) Dibenzo(a,h)anthracene	27.451	278	2496793	30.355	ng/ul	96
96) Benzo(g,h,i)perylene	28.409	276	2344748	29.055	ng/ul	98

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

