

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
 Data File : BN029772.D
 Acq On : 14 Feb 2024 16:03
 Operator : MA/JU
 Sample : PB158805BS
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS805

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/15/2024
 Supervised By :mohammad ahmed 02/17/2024

Quant Time: Feb 14 16:49:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 13 22:50:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	151769	20.000	ng/u1	0.00
20) Naphthalene-d8	10.669	136	634952	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.516	164	348553	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	687491	20.000	ng/u1	0.00
79) Chrysene-d12	21.468	240	640545	20.000	ng/u1	0.00
88) Perylene-d12	23.839	264	688912	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	27353	5.928	ng/uL	0.00
4) Pyridine-d5	3.728	84	393097	31.945	ng/u1	0.00
7) Phenol-d5	7.040	99	488385	34.403	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	308733	32.587	ng/u1	0.00
11) 2-Chlorophenol-d4	7.398	132	376144	36.565	ng/u1	0.00
15) 4-Methylphenol-d8	8.587	113	372609	35.195	ng/u1	0.00
21) Nitrobenzene-d5	9.040	128	186052	37.754	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	182362	42.489	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.292	165	328499	38.776	ng/u1	0.00
31) 4-Chloroaniline-d4	10.816	131	470153	32.530	ng/u1	0.00
46) Dimethylphthalate-d6	13.939	166	896815	34.559	ng/u1	0.00
49) Acenaphthylene-d8	14.210	160	1098180	35.635	ng/u1	0.00
54) 4-Nitrophenol-d4	14.727	143	182238	37.000	ng/u1	0.00
60) Fluorene-d10	15.510	176	765682	34.684	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	129037	38.520	ng/u1	0.00
73) Anthracene-d10	17.369	188	1141801	35.438	ng/u1	0.00
81) Pyrene-d10	19.663	212	1330080	34.602	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.686	264	1329039	38.554	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	61057	12.776	ng/uL	99
5) Pyridine	3.746	79	410900	32.277	ng/u1	98
6) Benzaldehyde	7.016	77	271872	42.724	ng/u1	98
8) Phenol	7.069	94	523470	35.980	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.304	93	424002	34.658	ng/u1	98
12) 2-Chlorophenol	7.434	128	406049	37.622	ng/u1	98
13) 2-Methylphenol	8.316	108	379166	36.115	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.398	45	536378	33.570	ng/u1	99
16) Acetophenone	8.698	105	609431	36.168	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.692	70	333270	38.310	ng/u1	98
18) 4-Methylphenol	8.651	108	408742	36.843	ng/u1	100
19) Hexachloroethane	8.940	117	180265	35.992	ng/u1	95
22) Nitrobenzene	9.081	77	505396	36.195	ng/u1	99
23) Isophorone	9.604	82	913396	37.555	ng/u1	100
25) 2-Nitrophenol	9.787	139	213564	43.574	ng/u1	99
26) 2,4-Dimethylphenol	9.851	107	375081	31.932	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.098	93	544520	35.228	ng/u1	99
29) 2,4-Dichlorophenol	10.316	162	342111	39.081	ng/u1	97
30) Naphthalene	10.716	128	1280819	35.291	ng/u1	99
32) 4-Chloroaniline	10.839	127	405870	28.448	ng/u1	98
33) Hexachlorobutadiene	10.992	225	201399	37.279	ng/u1	92
34) Caprolactam	11.616	113	119868m	41.151	ng/u1	
35) 4-Chloro-3-methylphenol	11.963	107	404688	40.024	ng/u1	97
36) 2-Methylnaphthalene	12.333	142	808700	36.350	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.551	142	811550	36.794	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.698	216	369642	35.778	ng/ul	94
40) Hexachlorocyclopentadiene	12.669	237	196138	29.043	ng/ul	97
41) 2,4,6-Trichlorophenol	12.945	196	234678	39.408	ng/ul	98
42) 2,4,5-Trichlorophenol	13.016	196	263776	39.421	ng/ul	99
43) 1,1'-Biphenyl	13.351	154	1036092	35.247	ng/ul	98
44) 2-Chloronaphthalene	13.386	162	800269	35.029	ng/ul	98
45) 2-Nitroaniline	13.604	65	273078	40.657	ng/ul	92
47) Dimethylphthalate	13.986	163	967617	36.426	ng/ul	100
48) 2,6-Dinitrotoluene	14.110	165	199252	41.919	ng/ul	99
50) Acenaphthylene	14.233	152	1324318	35.807	ng/ul	99
51) 3-Nitroaniline	14.433	138	218229	39.447	ng/ul	97
52) Acenaphthene	14.580	153	859968	35.199	ng/ul	94
53) 2,4-Dinitrophenol	14.639	184	88978	36.886	ng/ul	97
55) 4-Nitrophenol	14.739	109	175403	38.947	ng/ul	95
56) Dibenzofuran	14.916	168	1136941	35.241	ng/ul	100
57) 2,4-Dinitrotoluene	14.892	165	291457	43.552	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.139	232	187264	39.433	ng/ul	98
59) Diethylphthalate	15.351	149	1048679	38.432	ng/ul	99
61) Fluorene	15.569	166	926582	36.334	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.563	204	414305	36.323	ng/ul	96
63) 4-Nitroaniline	15.598	138	235716	47.209	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.651	198	147790	40.018	ng/ul	96
67) N-Nitrosodiphenylamine	15.780	169	786589	36.716	ng/ul	99
68) 4-Bromophenyl-phenylether	16.463	248	247772	38.077	ng/ul	96
69) Hexachlorobenzene	16.563	284	283722	38.683	ng/ul	96
70) Atrazine	16.739	200	158561	23.690	ng/ul	100
71) Pentachlorophenol	16.910	266	160180	37.606	ng/ul	95
72) Phenanthrene	17.310	178	1434842	36.080	ng/ul	99
74) Anthracene	17.398	178	1477965	37.031	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.310	216	364145	36.095	ng/ul	97
76) Pentachlorobenzene	14.827	250	331398	36.686	ng/ul	99
77) Carbazole	17.680	167	1368902	37.551	ng/ul	99
78) Di-n-butylphthalate	18.251	149	1823801	41.605	ng/ul	99
80) Fluoranthene	19.333	202	1643490	35.197	ng/ul	97
82) Pyrene	19.692	202	1753644	35.500	ng/ul	96
83) Butylbenzylphthalate	20.615	149	846794	42.062	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.392	252	491154	39.588	ng/ul	97
85) Benzo(a)anthracene	21.451	228	1717095	36.491	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	1327692	42.635	ng/ul	100
87) Chrysene	21.504	228	1597878	36.235	ng/ul	99
89) Di-n-octyl phthalate	22.327	149	2319540	43.436	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	1727223	39.804	ng/ul	97
91) Benzo(k)fluoranthene	23.168	252	1666699	37.526	ng/ul	97
93) Benzo(a)pyrene	23.733	252	1657286	39.826	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	26.292	276	1912957	37.751	ng/ul	96
95) Dibenzo(a,h)anthracene	26.315	278	1607086	38.847	ng/ul	96
96) Benzo(g,h,i)perylene	27.044	276	1607808	37.936	ng/ul	96

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

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