

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022124\
 Data File : BN029896.D
 Acq On : 21 Feb 2024 18:39
 Operator : MA/JU
 Sample : PB159060BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS060

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/22/2024
 Supervised By :mohammad ahmed 02/24/2024

Quant Time: Feb 21 22:27:01 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	7.857	152	219875	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.657	136	913180	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.504	164	498895	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.257	188	1027474	20.000	ng/u1	-0.01
79) Chrysene-d12	21.462	240	875391	20.000	ng/u1	0.00
88) Perylene-d12	23.821	264	981439	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	43226	6.466	ng/uL	0.00
4) Pyridine-d5	3.722	84	614770	34.485	ng/u1	0.00
7) Phenol-d5	7.034	99	772570	37.565	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.204	67	495260	36.083	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.392	132	594411	39.885	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	578973	37.748	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	290817	41.033	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.745	143	300241	48.641	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.281	165	526560	43.218	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.804	131	727963	35.022	ng/u1	-0.01
46) Dimethylphthalate-d6	13.927	166	1505548	40.534	ng/u1	0.00
49) Acenaphthylene-d8	14.198	160	1774596	40.231	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	311428	44.176	ng/u1	0.00
60) Fluorene-d10	15.504	176	1268169	40.134	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.633	200	238542	47.647	ng/u1	0.00
73) Anthracene-d10	17.357	188	1956607	40.633	ng/u1	0.00
81) Pyrene-d10	19.657	212	2284495	43.487	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.674	264	2194385	44.683	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	89374	12.908	ng/uL	97
5) Pyridine	3.746	79	605169	32.812	ng/u1	97
6) Benzaldehyde	7.010	77	397241	43.090	ng/u1	98
8) Phenol	7.057	94	785488	37.266	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.298	93	629638	35.525	ng/u1	99
12) 2-Chlorophenol	7.422	128	609202	38.961	ng/u1	99
13) 2-Methylphenol	8.310	108	570336	37.497	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.392	45	847280	36.603	ng/u1	100
16) Acetophenone	8.692	105	932967	38.219	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.687	70	498996	39.593	ng/u1	95
18) 4-Methylphenol	8.645	108	603895	37.573	ng/u1	99
19) Hexachloroethane	8.928	117	271697	37.444	ng/u1	93
22) Nitrobenzene	9.075	77	764983	38.094	ng/u1	100
23) Isophorone	9.598	82	1370450	39.179	ng/u1	99
25) 2-Nitrophenol	9.781	139	321647	45.631	ng/u1	98
26) 2,4-Dimethylphenol	9.839	107	425666	25.197	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.086	93	833104	37.477	ng/u1	100
29) 2,4-Dichlorophenol	10.310	162	523891	41.613	ng/u1	96
30) Naphthalene	10.710	128	1917941	36.745	ng/u1	99
32) 4-Chloroaniline	10.828	127	593691	28.934	ng/u1	97
33) Hexachlorobutadiene	10.981	225	305495	39.318	ng/u1	95
34) Caprolactam	11.622	113	179868m	42.935	ng/u1	
35) 4-Chloro-3-methylphenol	11.957	107	611880	42.078	ng/u1	99
36) 2-Methylnaphthalene	12.322	142	1267749	39.622	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.539	142	1225199	38.624	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.686	216	568386	38.436	ng/ul	96
40) Hexachlorocyclopentadiene	12.657	237	266726	27.594	ng/ul	99
41) 2,4,6-Trichlorophenol	12.933	196	368028	43.178	ng/ul	98
42) 2,4,5-Trichlorophenol	13.004	196	408987	42.703	ng/ul	96
43) 1,1'-Biphenyl	13.339	154	1579218	37.534	ng/ul	98
44) 2-Chloronaphthalene	13.380	162	1245840	38.099	ng/ul	98
45) 2-Nitroaniline	13.598	65	434293	45.174	ng/ul	94
47) Dimethylphthalate	13.980	163	1539910	40.501	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	316296	46.490	ng/ul	97
50) Acenaphthylene	14.227	152	2067138	39.048	ng/ul	99
51) 3-Nitroaniline	14.427	138	347781	43.921	ng/ul	94
52) Acenaphthene	14.569	153	1322205	37.810	ng/ul	95
53) 2,4-Dinitrophenol	14.633	184	149931	43.424	ng/ul	98
55) 4-Nitrophenol	14.733	109	277258	43.011	ng/ul	98
56) Dibenzofuran	14.904	168	1774275	38.422	ng/ul	99
57) 2,4-Dinitrotoluene	14.886	165	467000	48.754	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.133	232	315830	46.464	ng/ul	99
59) Diethylphthalate	15.345	149	1643910	42.091	ng/ul	99
61) Fluorene	15.557	166	1447563	39.658	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.557	204	661893	40.543	ng/ul	95
63) 4-Nitroaniline	15.592	138	385450m	53.934	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.645	198	251203	45.512	ng/ul	97
67) N-Nitrosodiphenylamine	15.774	169	1231635	38.467	ng/ul	100
68) 4-Bromophenyl-phenylether	16.451	248	411992	42.364	ng/ul	87
69) Hexachlorobenzene	16.551	284	447462	40.821	ng/ul	98
70) Atrazine	16.739	200	267435	26.735	ng/ul	98
71) Pentachlorophenol	16.904	266	284674	44.719	ng/ul	95
72) Phenanthrene	17.298	178	2404348	40.453	ng/ul	98
74) Anthracene	17.392	178	2349552	39.390	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.298	216	572228	37.953	ng/uL	100
76) Pentachlorobenzene	14.816	250	532399	39.435	ng/uL	96
77) Carbazole	17.668	167	2243824	41.185	ng/ul	99
78) Di-n-butylphthalate	18.245	149	2985836	45.575	ng/ul	100
80) Fluoranthene	19.321	202	2733335	42.833	ng/ul	99
82) Pyrene	19.686	202	2843494	42.120	ng/ul	98
83) Butylbenzylphthalate	20.609	149	1376857	50.043	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.386	252	688721	40.619	ng/ul	98
85) Benzo(a)anthracene	21.445	228	2707792	42.108	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.392	149	2095658	49.242	ng/ul	99
87) Chrysene	21.498	228	2557620	42.439	ng/ul	99
89) Di-n-octyl phthalate	22.321	149	3649057	47.966	ng/ul	100
90) Benzo(b)fluoranthene	23.109	252	2733540	44.219	ng/ul	97
91) Benzo(k)fluoranthene	23.162	252	2640726	41.735	ng/ul	95
93) Benzo(a)pyrene	23.727	252	2465245	41.584	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.280	276	2995238	41.491	ng/ul	95
95) Dibenzo(a,h)anthracene	26.297	278	2473472	41.969	ng/ul	95
96) Benzo(g,h,i)perylene	27.021	276	2426323m	40.185	ng/ul	

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

