

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022124\
 Data File : BN029930.D
 Acq On : 22 Feb 2024 16:15
 Operator : MA/JU
 Sample : PB159098BS
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS098

Quant Time: Feb 22 16:42:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 21 22:34:54 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	172579	20.000	ng/u1	0.00
20) Naphthalene-d8	10.651	136	717079	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.498	164	399053	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.257	188	839506	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	763456	20.000	ng/u1	0.00
88) Perylene-d12	23.821	264	834250	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	29441	5.611	ng/uL	0.00
4) Pyridine-d5	3.722	84	407114	29.095	ng/u1	0.00
7) Phenol-d5	7.028	99	498124	30.858	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.204	67	325939	30.255	ng/u1	0.00
11) 2-Chlorophenol-d4	7.387	132	381342	32.600	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	375665	31.205	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	187216	33.639	ng/u1	0.00
24) 2-Nitrophenol-d4	9.746	143	182204	37.590	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	346165	36.182	ng/u1	0.00
31) 4-Chloroaniline-d4	10.798	131	482187	29.542	ng/u1	0.00
46) Dimethylphthalate-d6	13.928	166	991338	33.367	ng/u1	0.00
49) Acenaphthylene-d8	14.192	160	1161058	32.907	ng/u1	0.00
54) 4-Nitrophenol-d4	14.716	143	197515	35.027	ng/u1	0.00
60) Fluorene-d10	15.498	176	836101	33.081	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	146191	35.739	ng/u1	0.00
73) Anthracene-d10	17.351	188	1341726	34.102	ng/u1	0.00
81) Pyrene-d10	19.657	212	1581493	34.519	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.668	264	1491634	35.732	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	60921	11.210	ng/uL	97
5) Pyridine	3.746	79	412694	28.509	ng/u1	99
6) Benzaldehyde	7.004	77	263773	36.453	ng/u1	97
8) Phenol	7.052	94	510626	30.865	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.293	93	414149	29.770	ng/u1	99
12) 2-Chlorophenol	7.416	128	398587	32.478	ng/u1	99
13) 2-Methylphenol	8.304	108	361814	30.307	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.387	45	550095	30.277	ng/u1	99
16) Acetophenone	8.687	105	602861	31.464	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.675	70	328171	33.175	ng/u1	97
18) 4-Methylphenol	8.634	108	392530	31.115	ng/u1	99
19) Hexachloroethane	8.922	117	171857	30.175	ng/u1	98
22) Nitrobenzene	9.069	77	505841	32.078	ng/u1	99
23) Isophorone	9.593	82	872830	31.777	ng/u1	99
25) 2-Nitrophenol	9.775	139	204944	37.026	ng/u1	98
26) 2,4-Dimethylphenol	9.834	107	273737	20.635	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.081	93	536836	30.753	ng/u1	98
29) 2,4-Dichlorophenol	10.304	162	337114	34.100	ng/u1	98
30) Naphthalene	10.704	128	1266507	30.900	ng/u1	99
32) 4-Chloroaniline	10.828	127	395065	24.519	ng/u1	100
33) Hexachlorobutadiene	10.975	225	202187	33.138	ng/u1	94
34) Caprolactam	11.610	113	116000m	35.262	ng/u1	
35) 4-Chloro-3-methylphenol	11.951	107	400661	35.088	ng/u1	97
36) 2-Methylnaphthalene	12.322	142	831261	33.085	ng/u1	100

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QLast Update : Wed Feb 21 22:34:54 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.539	142	806264	32.368	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.687	216	373307	31.560	ng/ul	97
40) Hexachlorocyclopentadiene	12.657	237	184596	23.875	ng/ul	99
41) 2,4,6-Trichlorophenol	12.934	196	233731	34.282	ng/ul	98
42) 2,4,5-Trichlorophenol	13.004	196	264825	34.569	ng/ul	99
43) 1,1'-Biphenyl	13.339	154	1039590	30.890	ng/ul	96
44) 2-Chloronaphthalene	13.375	162	803404	30.716	ng/ul	97
45) 2-Nitroaniline	13.592	65	275991	35.891	ng/ul	97
47) Dimethylphthalate	13.975	163	1011289	33.253	ng/ul	99
48) 2,6-Dinitrotoluene	14.098	165	199651	36.687	ng/ul	98
50) Acenaphthylene	14.222	152	1348578	31.848	ng/ul	99
51) 3-Nitroaniline	14.422	138	219563	34.666	ng/ul	99
52) Acenaphthene	14.563	153	877425	31.368	ng/ul	97
53) 2,4-Dinitrophenol	14.628	184	91873	33.266	ng/ul	99
55) 4-Nitrophenol	14.728	109	182763	35.446	ng/ul	97
56) Dibenzofuran	14.904	168	1171993	31.730	ng/ul	98
57) 2,4-Dinitrotoluene	14.881	165	305734	39.904	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.128	232	203204	37.375	ng/ul	98
59) Diethylphthalate	15.339	149	1062711	34.018	ng/ul	99
61) Fluorene	15.551	166	981272	33.609	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.551	204	452737	34.670	ng/ul	95
63) 4-Nitroaniline	15.586	138	244883m	42.838	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.639	198	159633	35.398	ng/ul	100
67) N-Nitrosodiphenylamine	15.769	169	823102	31.463	ng/ul	100
68) 4-Bromophenyl-phenylether	16.451	248	275229	34.638	ng/ul	86
69) Hexachlorobenzene	16.551	284	320303	35.763	ng/ul	93
70) Atrazine	16.733	200	179536	21.966	ng/ul	94
71) Pentachlorophenol	16.898	266	181923	34.976	ng/ul	95
72) Phenanthrene	17.298	178	1600334	32.954	ng/ul	99
74) Anthracene	17.386	178	1628510	33.414	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.292	216	371266	30.137	ng/uL	95
76) Pentachlorobenzene	14.816	250	345854	31.354	ng/uL	97
77) Carbazole	17.669	167	1480537	33.260	ng/ul	99
78) Di-n-butylphthalate	18.245	149	1973946	36.876	ng/ul	99
80) Fluoranthene	19.321	202	1861721	33.452	ng/ul	96
82) Pyrene	19.686	202	1968854	33.440	ng/ul	94
83) Butylbenzylphthalate	20.604	149	917288	38.228	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.386	252	490003	33.136	ng/ul#	97
85) Benzo(a)anthracene	21.445	228	1924970	34.323	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	1433460	38.621	ng/ul	99
87) Chrysene	21.498	228	1788067	34.020	ng/ul	98
89) Di-n-octyl phthalate	22.315	149	2439460	37.724	ng/ul	100
90) Benzo(b)fluoranthene	23.104	252	1820926	34.653	ng/ul	98
91) Benzo(k)fluoranthene	23.157	252	1908419	35.483	ng/ul	96
93) Benzo(a)pyrene	23.721	252	1754540	34.818	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.268	276	1926256	31.391	ng/ul	98
95) Dibenzo(a,h)anthracene	26.292	278	1641233	32.761	ng/ul	95
96) Benzo(g,h,i)perylene	27.009	276	1617224	31.510	ng/ul	93

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

