

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021924\
 Data File : BN029850.D
 Acq On : 19 Feb 2024 14:16
 Operator : MA/JU
 Sample : PB158958BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS958

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/21/2024
 Supervised By :mohammad ahmed 02/21/2024

Quant Time: Feb 19 15:05:16 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	7.864	152	147331	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	610371	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	325309	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	673054	20.000	ng/u1	0.00
79) Chrysene-d12	21.463	240	615561	20.000	ng/u1	0.00
88) Perylene-d12	23.827	264	658542	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	27388	6.114	ng/uL	0.00
4) Pyridine-d5	3.728	84	372245	31.162	ng/u1	0.00
7) Phenol-d5	7.034	99	453194	32.886	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.211	67	293856	31.951	ng/u1	0.00
11) 2-Chlorophenol-d4	7.393	132	353090	35.358	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	341030	33.183	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	165370	34.908	ng/u1	0.00
24) 2-Nitrophenol-d4	9.752	143	164749	39.931	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	303546	37.274	ng/u1	0.00
31) 4-Chloroaniline-d4	10.810	131	432416	31.124	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	883977	36.498	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	1031103	35.849	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	169058	36.777	ng/u1	0.00
60) Fluorene-d10	15.504	176	729283	35.395	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	131100	39.975	ng/u1	0.00
73) Anthracene-d10	17.363	188	1159840	36.770	ng/u1	0.00
81) Pyrene-d10	19.657	212	1299378	35.175	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.680	264	1255755	38.108	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	56938	12.273	ng/uL	97
5) Pyridine	3.746	79	385585	31.201	ng/u1	98
6) Benzaldehyde	7.011	77	242732	39.294	ng/u1	98
8) Phenol	7.064	94	473572	33.531	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.299	93	386525	32.546	ng/u1	97
12) 2-Chlorophenol	7.428	128	372403	35.544	ng/u1	98
13) 2-Methylphenol	8.311	108	340708	33.430	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.393	45	499828	32.225	ng/u1	97
16) Acetophenone	8.693	105	557066	34.057	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.687	70	297366	35.213	ng/u1	95
18) 4-Methylphenol	8.640	108	368352	34.203	ng/u1	99
19) Hexachloroethane	8.934	117	162694	33.462	ng/u1	98
22) Nitrobenzene	9.075	77	455449	33.932	ng/u1	100
23) Isophorone	9.599	82	801431	34.278	ng/u1	100
25) 2-Nitrophenol	9.781	139	183620	38.973	ng/u1	98
26) 2,4-Dimethylphenol	9.846	107	341074	30.206	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.093	93	491065	33.049	ng/u1	99
29) 2,4-Dichlorophenol	10.310	162	305589	36.315	ng/u1	100
30) Naphthalene	10.710	128	1159131	33.224	ng/u1	99
32) 4-Chloroaniline	10.834	127	385147	28.082	ng/u1	98
33) Hexachlorobutadiene	10.987	225	186427	35.897	ng/u1	98
34) Caprolactam	11.616	113	103945m	37.121	ng/u1	
35) 4-Chloro-3-methylphenol	11.957	107	366485	37.706	ng/u1	98
36) 2-Methylnaphthalene	12.328	142	749154	35.029	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.546	142	733065	34.574	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.693	216	338320	35.086	ng/ul	98
40) Hexachlorocyclopentadiene	12.663	237	155032	24.597	ng/ul	99
41) 2,4,6-Trichlorophenol	12.940	196	213942	38.493	ng/ul	95
42) 2,4,5-Trichlorophenol	13.010	196	240498	38.510	ng/ul	99
43) 1,1'-Biphenyl	13.346	154	947479	34.535	ng/ul	99
44) 2-Chloronaphthalene	13.381	162	726157	34.056	ng/ul	99
45) 2-Nitroaniline	13.599	65	248905	39.706	ng/ul	94
47) Dimethylphthalate	13.981	163	939067	37.877	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	183057	41.263	ng/ul	99
50) Acenaphthylene	14.228	152	1225109	35.491	ng/ul	100
51) 3-Nitroaniline	14.428	138	200083	38.751	ng/ul	100
52) Acenaphthene	14.575	153	793240	34.787	ng/ul	97
53) 2,4-Dinitrophenol	14.634	184	79266	35.208	ng/ul	98
55) 4-Nitrophenol	14.734	109	155260	36.937	ng/ul	99
56) Dibenzofuran	14.910	168	1078950	35.833	ng/ul	99
57) 2,4-Dinitrotoluene	14.887	165	269683	43.177	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.134	232	186637	42.109	ng/ul	96
59) Diethylphthalate	15.345	149	961071	37.738	ng/ul	97
61) Fluorene	15.563	166	878871	36.926	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.563	204	401355	37.702	ng/ul	95
63) 4-Nitroaniline	15.593	138	216509m	46.460	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.645	198	137687	38.082	ng/ul	99
67) N-Nitrosodiphenylamine	15.775	169	735146	35.051	ng/ul	99
68) 4-Bromophenyl-phenylether	16.457	248	243788	38.268	ng/ul	95
69) Hexachlorobenzene	16.557	284	270883	37.725	ng/ul	98
70) Atrazine	16.740	200	181053	27.630	ng/ul	98
71) Pentachlorophenol	16.904	266	159059	38.143	ng/ul	94
72) Phenanthrene	17.304	178	1401071	35.986	ng/ul	98
74) Anthracene	17.398	178	1429726	36.591	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.304	216	341265	34.553	ng/uL	99
76) Pentachlorobenzene	14.822	250	320559	36.247	ng/uL	97
77) Carbazole	17.675	167	1307667	36.641	ng/ul	99
78) Di-n-butylphthalate	18.245	149	1726918	40.239	ng/ul	99
80) Fluoranthene	19.322	202	1590498	35.444	ng/ul	99
82) Pyrene	19.686	202	1680199	35.394	ng/ul	96
83) Butylbenzylphthalate	20.610	149	774931	40.055	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.386	252	403639	33.854	ng/ul	94
85) Benzo(a)anthracene	21.445	228	1604060	35.473	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.398	149	1217600	40.687	ng/ul	99
87) Chrysene	21.498	228	1487848	35.109	ng/ul	99
89) Di-n-octyl phthalate	22.322	149	2040765	39.978	ng/ul	100
90) Benzo(b)fluoranthene	23.110	252	1580016	38.091	ng/ul	98
91) Benzo(k)fluoranthene	23.163	252	1588815	37.423	ng/ul	95
93) Benzo(a)pyrene	23.727	252	1509028	37.935	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	26.274	276	1695415	35.001	ng/ul	99
95) Dibenzo(a,h)anthracene	26.298	278	1416743	35.826	ng/ul	94
96) Benzo(g,h,i)perylene	27.021	276	1386256	34.217	ng/ul	96

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

