

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
 Data File : BN029823.D
 Acq On : 16 Feb 2024 11:34
 Operator : MA/JU
 Sample : PB158982BS
 Misc :
 ALS Vial : 104 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS982

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/19/2024
 Supervised By :mohammad ahmed 02/19/2024

Quant Time: Feb 17 04:55:44 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	7.863	152	152795	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	622342	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	338670	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	716782	20.000	ng/u1	0.00
79) Chrysene-d12	21.469	240	621703	20.000	ng/u1	0.00
88) Perylene-d12	23.833	264	713598	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	30478	6.561	ng/uL	0.00
4) Pyridine-d5	3.728	84	417630	33.711	ng/u1	0.00
7) Phenol-d5	7.034	99	534935	37.430	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	334234	35.042	ng/u1	0.00
11) 2-Chlorophenol-d4	7.393	132	417038	40.268	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	411229	38.582	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	200210	41.450	ng/u1	0.00
24) 2-Nitrophenol-d4	9.751	143	209591	49.823	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	371286	44.715	ng/u1	0.00
31) 4-Chloroaniline-d4	10.810	131	506079	35.726	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	1067134	42.323	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	1232291	41.153	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	215184	44.965	ng/u1	0.00
60) Fluorene-d10	15.510	176	900943	42.002	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	162686	46.580	ng/u1	0.00
73) Anthracene-d10	17.363	188	1343746	40.001	ng/u1	0.00
81) Pyrene-d10	19.663	212	1547810	41.486	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.680	264	1556749	43.597	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	65868	13.690	ng/uL	94
5) Pyridine	3.746	79	441558	34.452	ng/u1	96
6) Benzaldehyde	7.016	77	283789	44.298	ng/u1	96
8) Phenol	7.063	94	576258	39.342	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.305	93	463051	37.596	ng/u1	97
12) 2-Chlorophenol	7.428	128	452496	41.644	ng/u1	97
13) 2-Methylphenol	8.310	108	418874	39.629	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.399	45	568770	35.358	ng/u1	96
16) Acetophenone	8.699	105	673502	39.703	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.687	70	358612	40.946	ng/u1	97
18) 4-Methylphenol	8.646	108	448594	40.164	ng/u1	98
19) Hexachloroethane	8.934	117	197896	39.247	ng/u1	94
22) Nitrobenzene	9.075	77	560208	40.933	ng/u1	99
23) Isophorone	9.604	82	998383	41.881	ng/u1	100
25) 2-Nitrophenol	9.787	139	236819	49.298	ng/u1	99
26) 2,4-Dimethylphenol	9.846	107	435714	37.846	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.093	93	603038	39.805	ng/u1	99
29) 2,4-Dichlorophenol	10.316	162	382545	44.586	ng/u1	97
30) Naphthalene	10.716	128	1432784	40.278	ng/u1	99
32) 4-Chloroaniline	10.834	127	436645	31.225	ng/u1	99
33) Hexachlorobutadiene	10.993	225	230630	43.554	ng/u1	96
34) Caprolactam	11.622	113	136111m	47.674	ng/u1	
35) 4-Chloro-3-methylphenol	11.963	107	458619	46.277	ng/u1	99
36) 2-Methylnaphthalene	12.328	142	909021	41.687	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.551	142	903879	41.810	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.693	216	417443	41.583	ng/ul	97
40) Hexachlorocyclopentadiene	12.663	237	214031	32.618	ng/ul	96
41) 2,4,6-Trichlorophenol	12.940	196	279097	48.235	ng/ul	97
42) 2,4,5-Trichlorophenol	13.016	196	307401	47.281	ng/ul	98
43) 1,1'-Biphenyl	13.345	154	1161745	40.675	ng/ul	99
44) 2-Chloronaphthalene	13.387	162	904976	40.769	ng/ul	98
45) 2-Nitroaniline	13.604	65	316828	48.547	ng/ul	95
47) Dimethylphthalate	13.981	163	1150072	44.558	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	232140	50.263	ng/ul	96
50) Acenaphthylene	14.234	152	1502043	41.797	ng/ul	99
51) 3-Nitroaniline	14.434	138	249248	46.369	ng/ul	98
52) Acenaphthene	14.575	153	978749	41.230	ng/ul	96
53) 2,4-Dinitrophenol	14.639	184	114541	48.869	ng/ul	97
55) 4-Nitrophenol	14.739	109	208533	47.654	ng/ul	95
56) Dibenzofuran	14.910	168	1301272	41.511	ng/ul	99
57) 2,4-Dinitrotoluene	14.892	165	350298	53.872	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.139	232	241780	52.398	ng/ul	99
59) Diethylphthalate	15.351	149	1232662	46.493	ng/ul	99
61) Fluorene	15.563	166	1095072	44.195	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.563	204	496867	44.833	ng/ul	96
63) 4-Nitroaniline	15.598	138	274457	56.572	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.651	198	184821	48.000	ng/ul	95
67) N-Nitrosodiphenylamine	15.781	169	941503	42.151	ng/ul	98
68) 4-Bromophenyl-phenylether	16.457	248	309968	45.688	ng/ul	91
69) Hexachlorobenzene	16.557	284	339340	44.375	ng/ul	99
70) Atrazine	16.739	200	201566	28.884	ng/ul	98
71) Pentachlorophenol	16.910	266	205357	46.242	ng/ul	92
72) Phenanthrene	17.310	178	1716600	41.401	ng/ul	99
74) Anthracene	17.398	178	1728217	41.532	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.304	216	413435	39.306	ng/ul	98
76) Pentachlorobenzene	14.828	250	382829	40.648	ng/ul	92
77) Carbazole	17.675	167	1621220	42.656	ng/ul	98
78) Di-n-butylphthalate	18.251	149	2180704	47.713	ng/ul	99
80) Fluoranthene	19.327	202	1965395	43.366	ng/ul	98
82) Pyrene	19.692	202	2051885	42.797	ng/ul	94
83) Butylbenzylphthalate	20.616	149	1025688	52.492	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.392	252	564391	46.869	ng/ul	95
85) Benzo(a)anthracene	21.451	228	1991610	43.608	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	1563656	51.734	ng/ul	100
87) Chrysene	21.504	228	1893665	44.244	ng/ul	98
89) Di-n-octyl phthalate	22.327	149	2753215	49.774	ng/ul	100
90) Benzo(b)fluoranthene	23.115	252	1937350	43.102	ng/ul	98
91) Benzo(k)fluoranthene	23.163	252	1986471	43.179	ng/ul	96
93) Benzo(a)pyrene	23.733	252	1827447	42.396	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.292	276	2260856	43.073	ng/ul	99
95) Dibenzo(a,h)anthracene	26.315	278	1837921	42.890	ng/ul	95
96) Benzo(g,h,i)perylene	27.039	276	1852422	42.195	ng/ul	95

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

