

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022124\
 Data File : BN029946.D
 Acq On : 23 Feb 2024 02:25
 Operator : MA/JU
 Sample : PB159096BS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS096

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/23/2024
 Supervised By :mohammad ahmed 02/24/2024

Quant Time: Feb 23 02:53:04 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	144361	20.000	ng/u1	0.00
20) Naphthalene-d8	10.651	136	595951	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.498	164	329348	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.251	188	676423	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	606960	20.000	ng/u1	0.00
88) Perylene-d12	23.815	264	656250	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	31136	7.094	ng/uL	0.00
4) Pyridine-d5	3.722	84	415940	35.536	ng/u1	0.00
7) Phenol-d5	7.022	99	507710	37.600	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	326915	36.277	ng/u1	0.00
11) 2-Chlorophenol-d4	7.387	132	388912	39.746	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	380230	37.758	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	187516	40.541	ng/u1	0.00
24) 2-Nitrophenol-d4	9.740	143	188227	46.726	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	341319	42.926	ng/u1	0.00
31) 4-Chloroaniline-d4	10.798	131	478877	35.302	ng/u1	0.00
46) Dimethylphthalate-d6	13.922	166	956001	38.988	ng/u1	0.00
49) Acenaphthylene-d8	14.192	160	1132101	38.878	ng/u1	0.00
54) 4-Nitrophenol-d4	14.710	143	181196	38.934	ng/u1	0.00
60) Fluorene-d10	15.498	176	819488	39.286	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	138636	42.063	ng/u1	0.00
73) Anthracene-d10	17.351	188	1270412	40.075	ng/u1	0.00
81) Pyrene-d10	19.651	212	1445798	39.693	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.662	264	1371828	41.776	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.346	88	64464	14.181	ng/uL#	97
5) Pyridine	3.740	79	435088	35.931	ng/u1	98
6) Benzaldehyde	7.005	77	266303	43.997	ng/u1	93
8) Phenol	7.052	94	533961	38.584	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.293	93	435927	37.461	ng/u1	98
12) 2-Chlorophenol	7.416	128	420809	40.990	ng/u1	99
13) 2-Methylphenol	8.299	108	384618	38.514	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.387	45	571047	37.574	ng/u1	99
16) Acetophenone	8.687	105	624588	38.970	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.675	70	336978	40.724	ng/u1	96
18) 4-Methylphenol	8.634	108	411617	39.006	ng/u1	100
19) Hexachloroethane	8.922	117	178829	37.537	ng/u1	98
22) Nitrobenzene	9.069	77	519230	39.619	ng/u1	99
23) Isophorone	9.593	82	899982	39.425	ng/u1	100
25) 2-Nitrophenol	9.775	139	214989	46.735	ng/u1	98
26) 2,4-Dimethylphenol	9.834	107	380031	34.471	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.081	93	548497	37.808	ng/u1	98
29) 2,4-Dichlorophenol	10.298	162	348979	42.475	ng/u1	97
30) Naphthalene	10.704	128	1299672	38.154	ng/u1	99
32) 4-Chloroaniline	10.822	127	413026	30.844	ng/u1	97
33) Hexachlorobutadiene	10.975	225	209451	41.306	ng/u1	98
34) Caprolactam	11.610	113	114588m	41.912	ng/u1	
35) 4-Chloro-3-methylphenol	11.945	107	405473	42.726	ng/u1	100
36) 2-Methylnaphthalene	12.316	142	838454	40.153	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.534	142	819282	39.575	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.681	216	382129	39.143	ng/ul	95
40) Hexachlorocyclopentadiene	12.657	237	189570	29.708	ng/ul	99
41) 2,4,6-Trichlorophenol	12.934	196	238980	42.471	ng/ul	99
42) 2,4,5-Trichlorophenol	12.998	196	267150	42.253	ng/ul	98
43) 1,1'-Biphenyl	13.334	154	1035685	37.288	ng/ul	98
44) 2-Chloronaphthalene	13.375	162	831843	38.535	ng/ul	98
45) 2-Nitroaniline	13.592	65	278255	43.843	ng/ul	95
47) Dimethylphthalate	13.969	163	1007327	40.132	ng/ul	98
48) 2,6-Dinitrotoluene	14.098	165	198313	44.154	ng/ul	96
50) Acenaphthylene	14.222	152	1353038	38.716	ng/ul	100
51) 3-Nitroaniline	14.422	138	215194	41.167	ng/ul	99
52) Acenaphthene	14.563	153	878396	38.050	ng/ul	95
53) 2,4-Dinitrophenol	14.628	184	89341	39.196	ng/ul	95
55) 4-Nitrophenol	14.728	109	171221	40.235	ng/ul	98
56) Dibenzofuran	14.904	168	1196469	39.248	ng/ul	98
57) 2,4-Dinitrotoluene	14.881	165	299231	47.321	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.128	232	206181	45.948	ng/ul	98
59) Diethylphthalate	15.339	149	1064891	41.302	ng/ul	99
61) Fluorene	15.551	166	977886	40.582	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.551	204	445190	41.307	ng/ul	98
63) 4-Nitroaniline	15.586	138	233388m	49.468	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.639	198	155450	42.781	ng/ul	96
67) N-Nitrosodiphenylamine	15.769	169	817651	38.790	ng/ul	100
68) 4-Bromophenyl-phenylether	16.451	248	268176	41.887	ng/ul	86
69) Hexachlorobenzene	16.551	284	299868	41.553	ng/ul	97
70) Atrazine	16.733	200	181010	27.486	ng/ul	98
71) Pentachlorophenol	16.898	266	175963	41.987	ng/ul	93
72) Phenanthrene	17.298	178	1549188	39.592	ng/ul	99
74) Anthracene	17.386	178	1588431	40.450	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.292	216	381377	38.422	ng/uL	98
76) Pentachlorobenzene	14.816	250	346501	38.986	ng/uL	95
77) Carbazole	17.663	167	1442328	40.213	ng/ul	98
78) Di-n-butylphthalate	18.239	149	1894723	43.930	ng/ul	99
80) Fluoranthene	19.316	202	1776383	40.148	ng/ul	99
82) Pyrene	19.680	202	1810528	38.680	ng/ul	98
83) Butylbenzylphthalate	20.604	149	865942	45.393	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.380	252	477533	40.619	ng/ul	98
85) Benzo(a)anthracene	21.439	228	1777164	39.858	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.386	149	1345254	45.589	ng/ul	98
87) Chrysene	21.492	228	1680074	40.207	ng/ul	99
89) Di-n-octyl phthalate	22.316	149	2283059	44.881	ng/ul	100
90) Benzo(b)fluoranthene	23.098	252	1779005	43.038	ng/ul	99
91) Benzo(k)fluoranthene	23.151	252	1708885	40.391	ng/ul	97
93) Benzo(a)pyrene	23.715	252	1658587	41.841	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.262	276	1870479	38.750	ng/ul	97
95) Dibenzo(a,h)anthracene	26.286	278	1514953	38.443	ng/ul	96
96) Benzo(g,h,i)perylene	27.009	276	1541714	38.187	ng/ul	96

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

