

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041324\
 Data File : BN030890.D
 Acq On : 13 Apr 2024 21:21
 Operator : MA/JU
 Sample : PB160193BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS193

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/16/2024
 Supervised By :mohammad ahmed 04/17/2024

Quant Time: Apr 14 22:55:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Apr 14 22:12:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	159484	20.000	ng/u1	0.00
20) Naphthalene-d8	10.446	136	700669	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	465366	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.057	188	1021544	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1069784	20.000	ng/u1	0.00
88) Perylene-d12	24.221	264	1186347	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	32012	9.411	ng/uL	0.00
4) Pyridine-d5	3.581	84	381937	37.449	ng/u1	0.00
7) Phenol-d5	6.840	99	522836	40.525	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	299222	37.550	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	408939	41.783	ng/u1	0.00
15) 4-Methylphenol-d8	8.375	113	415953	38.469	ng/u1	0.00
21) Nitrobenzene-d5	8.822	128	203155	41.797	ng/u1	0.00
24) 2-Nitrophenol-d4	9.540	143	210945	47.441	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	416978	42.836	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	589461	36.782	ng/u1	0.00
46) Dimethylphthalate-d6	13.728	166	1255558	40.410	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	1485357	41.579	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	268379	45.158	ng/u1	0.00
60) Fluorene-d10	15.304	176	1096651	40.334	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	189523	42.032	ng/u1	0.00
73) Anthracene-d10	17.157	188	1756799	39.914	ng/u1	0.00
81) Pyrene-d10	19.457	212	2171033	37.747	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	2337170	42.755	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	45857	12.585	ng/uL	95
5) Pyridine	3.599	79	383623	37.277	ng/u1	99
6) Benzaldehyde	6.816	77	276442	46.012	ng/u1	97
8) Phenol	6.864	94	529564	39.402	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.099	93	399328	36.435	ng/u1	99
12) 2-Chlorophenol	7.228	128	425084	40.488	ng/u1	97
13) 2-Methylphenol	8.105	108	394290	38.071	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.187	45	530433	34.371	ng/u1	100
16) Acetophenone	8.487	105	624749	36.595	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.475	70	307428	35.754	ng/u1	98
18) 4-Methylphenol	8.434	108	445146	38.394	ng/u1	100
19) Hexachloroethane	8.734	117	164911	37.465	ng/u1	100
22) Nitrobenzene	8.863	77	462449	38.975	ng/u1	98
23) Isophorone	9.387	82	896612	37.892	ng/u1	100
25) 2-Nitrophenol	9.569	139	234045	44.787	ng/u1	97
26) 2,4-Dimethylphenol	9.628	107	409777	35.281	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.869	93	556743	37.006	ng/u1	99
29) 2,4-Dichlorophenol	10.099	162	412904	41.557	ng/u1	100
30) Naphthalene	10.499	128	1360606	37.862	ng/u1	100
32) 4-Chloroaniline	10.610	127	553971	35.868	ng/u1	99
33) Hexachlorobutadiene	10.775	225	234296	37.463	ng/u1	98
34) Caprolactam	11.393	113	150922m	40.659	ng/u1	
35) 4-Chloro-3-methylphenol	11.740	107	455398	40.693	ng/u1	99
36) 2-Methylnaphthalene	12.116	142	957591	38.157	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	977897	38.385	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.487	216	484250	40.322	ng/u1	97
40) Hexachlorocyclopentadiene	12.463	237	202337	29.667	ng/u1	98
41) 2,4,6-Trichlorophenol	12.734	196	325497	43.372	ng/u1	98
42) 2,4,5-Trichlorophenol	12.804	196	365396	43.113	ng/u1	95
43) 1,1'-Biphenyl	13.140	154	1256853	39.624	ng/u1	98
44) 2-Chloronaphthalene	13.181	162	990221	39.657	ng/u1	99
45) 2-Nitroaniline	13.393	65	291198	43.822	ng/u1	99
47) Dimethylphthalate	13.775	163	1239268	38.612	ng/u1	100
48) 2,6-Dinitrotoluene	13.893	165	253625	42.621	ng/u1	95
50) Acenaphthylene	14.034	152	1608658	38.973	ng/u1	99
51) 3-Nitroaniline	14.228	138	294059	46.557	ng/u1	96
52) Acenaphthene	14.375	153	1060138	38.541	ng/u1	99
53) 2,4-Dinitrophenol	14.428	184	114727	41.975	ng/u1	94
55) 4-Nitrophenol	14.534	109	206227	43.798	ng/u1	98
56) Dibenzofuran	14.710	168	1521035	39.781	ng/u1	98
57) 2,4-Dinitrotoluene	14.681	165	385560	44.379	ng/u1	97
58) 2,3,4,6-Tetrachlorophenol	14.940	232	317036	45.040	ng/u1	98
59) Diethylphthalate	15.145	149	1272140	39.015	ng/u1	99
61) Fluorene	15.363	166	1204545	39.634	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.363	204	568379	38.119	ng/u1	98
63) 4-Nitroaniline	15.392	138	333283	54.276	ng/u1	97
66) 4,6-Dinitro-2-methylph...	15.445	198	205730	42.463	ng/u1	95
67) N-Nitrosodiphenylamine	15.575	169	1090836	39.210	ng/u1	99
68) 4-Bromophenyl-phenylether	16.257	248	374224	38.578	ng/u1	96
69) Hexachlorobenzene	16.357	284	434132	38.007	ng/u1	97
70) Atrazine	16.534	200	383518	39.773	ng/u1	98
71) Pentachlorophenol	16.710	266	287775	42.730	ng/u1	99
72) Phenanthrene	17.098	178	2064294	39.332	ng/u1	99
74) Anthracene	17.192	178	2066319	38.945	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.098	216	483374	38.516	ng/u1	94
76) Pentachlorobenzene	14.628	250	474604	37.231	ng/u1	97
77) Carbazole	17.469	167	2007822	43.152	ng/u1	98
78) Di-n-butylphthalate	18.034	149	2323093	40.926	ng/u1	100
80) Fluoranthene	19.122	202	2538121	37.122	ng/u1	97
82) Pyrene	19.492	202	2685554	37.192	ng/u1	98
83) Butylbenzylphthalate	20.398	149	1160723	42.093	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.210	252	811766	41.297	ng/u1	98
85) Benzo(a)anthracene	21.280	228	2804406	39.280	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	1621648	39.877	ng/u1	99
87) Chrysene	21.339	228	2631564	39.051	ng/u1	97
89) Di-n-octyl phthalate	22.316	149	2977277	39.629	ng/u1	100
90) Benzo(b)fluoranthene	23.298	252	2797745	40.072	ng/u1	97
91) Benzo(k)fluoranthene	23.357	252	2841309	40.072	ng/u1	96
93) Benzo(a)pyrene	24.086	252	2458560	37.277	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.498	276	2972388	41.692	ng/u1	100
95) Dibenzo(a,h)anthracene	27.557	278	2436284	40.592	ng/u1	98
96) Benzo(g,h,i)perylene	28.521	276	2267738	40.517	ng/u1	96

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

