

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
 Data File : BP021335.D
 Acq On : 03 Aug 2024 01:31
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020723

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/05/2024
 Supervised By :mohammad ahmed 08/05/2024

Quant Time: Aug 03 03:20:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.616	152	219769	20.000	ng/ul	-0.02	
20) Naphthalene-d8	10.387	136	893933	20.000	ng/ul	0.00	
38) Acenaphthene-d10	14.257	164	581274	20.000	ng/ul	-0.01	
64) Phenanthrene-d10	17.086	188	1309539	20.000	ng/ul	0.00	
79) Chrysene-d12	21.533	240	1355637	20.000	ng/ul	0.00	
88) Perylene-d12	24.833	264	1672522	20.000	ng/ul	0.00	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.164	96	35295	7.308	ng/uL	-0.01	
4) Pyridine-d5	3.581	84	253679	18.144	ng/ul	-0.01	
7) Phenol-d5	6.840	99	335662	18.734	ng/ul	0.00	
9) Bis-(2-Chloroethyl)eth...	6.963	67	195779	18.030	ng/ul	-0.02	
11) 2-Chlorophenol-d4	7.169	132	281568	19.074	ng/ul	-0.01	
15) 4-Methylphenol-d8	8.351	113	264027	17.742	ng/ul	-0.01	
21) Nitrobenzene-d5	8.775	128	132380	19.066	ng/ul	-0.02	
24) 2-Nitrophenol-d4	9.487	143	153508	19.316	ng/ul	-0.02	
28) 2,4-Dichlorophenol-d3	10.040	165	272518	18.964	ng/ul	-0.01	
31) 4-Chloroaniline-d4	10.540	131	365742	19.212	ng/ul	-0.02	
46) Dimethylphthalate-d6	13.663	166	749021	17.726	ng/ul	-0.02	
49) Acenaphthylene-d8	13.945	160	906346	19.102	ng/ul	-0.02	
54) 4-Nitrophenol-d4	14.581	143	158842	26.420	ng/ul	0.00	
60) Fluorene-d10	15.281	176	675571	19.488	ng/ul	0.00	
65) 4,6-Dinitro-2-methylph...	15.457	200	134726	17.004	ng/ul	0.00	
73) Anthracene-d10	17.186	188	1121826	19.288	ng/ul	0.00	
81) Pyrene-d10	19.569	212	1412670	16.855	ng/ul	0.00	
92) Benzo(a)pyrene-d12	24.592	264	1523983	18.475	ng/ul	0.00	
Target Compounds							
2) 1,4-Dioxane	3.193	88	38081	7.169	ng/uL	96	Qvalue
5) Pyridine	3.599	79	263063	18.241	ng/ul	94	
6) Benzaldehyde	6.793	77	208518	23.084	ng/ul	99	
8) Phenol	6.863	94	342028	18.865	ng/ul	98	
10) Bis(2-Chloroethyl)ether	7.063	93	265821	17.748	ng/ul	98	
12) 2-Chlorophenol	7.199	128	284192	19.208	ng/ul	97	
13) 2-Methylphenol	8.087	108	260368	18.569	ng/ul	96	
14) 2,2'-oxybis(1-Chloropr...	8.128	45	388027	17.932	ng/ul	95	
16) Acetophenone	8.440	105	413247	17.993	ng/ul	93	
17) N-Nitroso-di-n-propyla...	8.416	70	206600	17.168	ng/ul	99	
18) 4-Methylphenol	8.416	108	275436	18.336	ng/ul	97	
19) Hexachloroethane	8.657	117	120219	18.082	ng/ul	96	
22) Nitrobenzene	8.816	77	315287	18.956	ng/ul	98	
23) Isophorone	9.334	82	573812	17.354	ng/ul	98	
25) 2-Nitrophenol	9.522	139	158856	19.166	ng/ul	96	
26) 2,4-Dimethylphenol	9.593	107	300143	18.364	ng/ul	97	
27) Bis(2-Chloroethoxy)met...	9.798	93	346379	17.234	ng/ul	99	
29) 2,4-Dichlorophenol	10.069	162	267044	18.856	ng/ul	98	
30) Naphthalene	10.434	128	879470	18.704	ng/ul	100	
32) 4-Chloroaniline	10.569	127	356197	19.594	ng/ul	98	
33) Hexachlorobutadiene	10.687	225	190871	17.975	ng/ul	100	
34) Caprolactam	11.387	113	87903m	20.149	ng/ul		
35) 4-Chloro-3-methylphenol	11.728	107	297940	19.354	ng/ul	98	
36) 2-Methylnaphthalene	12.045	142	589382	18.260	ng/ul	97	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.269	142	621908	18.734	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.416	216	344426	18.245	ng/ul	97
40) Hexachlorocyclopentadiene	12.375	237	140063	14.183	ng/ul	100
41) 2,4,6-Trichlorophenol	12.687	196	219875	18.433	ng/ul	99
42) 2,4,5-Trichlorophenol	12.787	196	241015	19.097	ng/ul	99
43) 1,1'-Biphenyl	13.075	154	772422	18.183	ng/ul	99
44) 2-Chloronaphthalene	13.122	162	628945	18.546	ng/ul	100
45) 2-Nitroaniline	13.363	65	194806	20.772	ng/ul	94
47) Dimethylphthalate	13.716	163	770699	17.975	ng/ul	100
48) 2,6-Dinitrotoluene	13.863	165	161725	18.867	ng/ul	96
50) Acenaphthylene	13.975	152	1009008	18.782	ng/ul	99
51) 3-Nitroaniline	14.216	138	167380	22.439	ng/ul	98
52) Acenaphthene	14.322	153	671974	18.846	ng/ul	99
53) 2,4-Dinitrophenol	14.463	184	108726	24.153	ng/ul	98
55) 4-Nitrophenol	14.592	109	104669	21.403	ng/ul	85
56) Dibenzofuran	14.669	168	934633	19.142	ng/ul	98
57) 2,4-Dinitrotoluene	14.681	165	247929	21.070	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.928	232	207082	19.161	ng/ul	99
59) Diethylphthalate	15.104	149	762012	17.784	ng/ul	100
61) Fluorene	15.333	166	770483	19.337	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.328	204	395156	18.277	ng/ul	99
63) 4-Nitroaniline	15.416	138	174435m	28.238	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.475	198	142536	16.963	ng/ul	100
67) N-Nitrosodiphenylamine	15.563	169	650640	17.062	ng/ul	100
68) 4-Bromophenyl-phenylether	16.245	248	258865	16.865	ng/ul	98
69) Hexachlorobenzene	16.363	284	307002	17.444	ng/ul	99
70) Atrazine	16.545	200	252369	18.159	ng/ul	99
71) Pentachlorophenol	16.745	266	219537	22.967	ng/ul	97
72) Phenanthrene	17.128	178	1287446	18.952	ng/ul	99
74) Anthracene	17.222	178	1312693	18.954	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.045	216	344872	16.454	ng/uL	99
76) Pentachlorobenzene	14.581	250	347918	16.705	ng/uL	99
77) Carbazole	17.527	167	1213985	21.443	ng/ul	99
78) Di-n-butylphthalate	18.080	149	1365381	17.481	ng/ul	99
80) Fluoranthene	19.221	202	1672413	16.523	ng/ul	99
82) Pyrene	19.598	202	1737259	16.867	ng/ul	100
83) Butylbenzylphthalate	20.539	149	704997	16.429	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.439	252	586175	18.923	ng/ul	99
85) Benzo(a)anthracene	21.510	228	1750505	18.434	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.421	149	976678	15.815	ng/ul	99
87) Chrysene	21.574	228	1659968	18.812	ng/ul	100
89) Di-n-octyl phthalate	22.657	149	1739463	15.744	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	1833582	18.065	ng/ul	99
91) Benzo(k)fluoranthene	23.845	252	1799744	17.768	ng/ul	100
93) Benzo(a)pyrene	24.668	252	1733500	18.074	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.597	276	2218801m	17.953	ng/ul	
95) Dibenzo(a,h)anthracene	28.639	278	1845082	18.028	ng/ul	100
96) Benzo(g,h,i)perylene	29.750	276	1781994m	17.704	ng/ul	

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

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