

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032224\
 Data File : BP019956.D
 Acq On : 22 Mar 2024 13:33
 Operator : MA/JU
 Sample : SSTD08086
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD080606

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/26/2024
 Supervised By :mohammad ahmed 03/26/2024

Quant Time: Mar 22 16:05:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 22 15:51:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	142573	20.000	ng/u1	0.00
20) Naphthalene-d8	10.387	136	544495	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	309728	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.092	188	578789	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	525109	20.000	ng/u1	0.01
88) Perylene-d12	24.880	264	638364	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	102794	31.590	ng/uL	0.00
4) Pyridine-d5	3.640	84	799055	81.325	ng/u1	0.00
7) Phenol-d5	6.817	99	959695	79.812	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	618295	78.924	ng/u1	0.00
11) 2-Chlorophenol-d4	7.164	132	694199	80.389	ng/u1	0.00
15) 4-Methylphenol-d8	8.328	113	728411	78.298	ng/u1	0.01
21) Nitrobenzene-d5	8.775	128	349095	83.647	ng/u1	0.00
24) 2-Nitrophenol-d4	9.481	143	398651	85.374	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.010	165	689733	80.880	ng/u1	0.00
31) 4-Chloroaniline-d4	10.528	131	840514	75.605	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	1619908	74.596	ng/u1	0.01
49) Acenaphthylene-d8	13.957	160	2018520	79.571	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	273799	80.200	ng/u1	0.00
60) Fluorene-d10	15.287	176	1384959	74.868	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.434	200	294937	85.130	ng/u1	0.00
73) Anthracene-d10	17.192	188	2015573	78.670	ng/u1	0.00
81) Pyrene-d10	19.592	212	2315391	75.153	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.663	264	2483357	80.928	ng/u1	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.276	88	117509	31.645	ng/uL	99
5) Pyridine	3.658	79	809479	80.825	ng/u1	100
6) Benzaldehyde	6.793	77	372756	63.022	ng/u1	99
8) Phenol	6.840	94	1010571	80.386	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.069	93	801733	78.747	ng/u1	98
12) 2-Chlorophenol	7.199	128	729041	80.109	ng/u1	99
13) 2-Methylphenol	8.069	108	717397	79.163	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.152	45	1090135	77.870	ng/u1	98
16) Acetophenone	8.446	105	1141349	76.060	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.440	70	625418	74.725	ng/u1	99
18) 4-Methylphenol	8.393	108	760088	77.926	ng/u1	99
19) Hexachloroethane	8.669	117	333258	78.841	ng/u1	95
22) Nitrobenzene	8.816	77	970672	81.654	ng/u1	99
23) Isophorone	9.346	82	1699840	76.711	ng/u1	99
25) 2-Nitrophenol	9.516	139	408152	83.846	ng/u1	97
26) 2,4-Dimethylphenol	9.569	107	852689	80.244	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.810	93	1029603	79.461	ng/u1	99
29) 2,4-Dichlorophenol	10.040	162	667683	80.034	ng/u1	99
30) Naphthalene	10.428	128	2182915	78.146	ng/u1	99
32) 4-Chloroaniline	10.552	127	835908	76.617	ng/u1	100
33) Hexachlorobutadiene	10.693	225	534636	81.321	ng/u1	99
34) Caprolactam	11.369	113	185528m	71.470	ng/u1	
35) 4-Chloro-3-methylphenol	11.687	107	720118	77.705	ng/u1	99
36) 2-Methylnaphthalene	12.046	142	1415330	76.099	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.263	142	1418916	76.282	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.416	216	861956	84.173	ng/ul	100
40) Hexachlorocyclopentadiene	12.381	237	558744	96.424	ng/ul	99
41) 2,4,6-Trichlorophenol	12.663	196	529407	84.154	ng/ul	99
42) 2,4,5-Trichlorophenol	12.746	196	555901	85.435	ng/ul	99
43) 1,1'-Biphenyl	13.075	154	1802173	80.346	ng/ul	98
44) 2-Chloronaphthalene	13.122	162	1460155	80.724	ng/ul	99
45) 2-Nitroaniline	13.346	65	473882	83.170	ng/ul	97
47) Dimethylphthalate	13.716	163	1655788	75.541	ng/ul	99
48) 2,6-Dinitrotoluene	13.851	165	359501	80.781	ng/ul	93
50) Acenaphthylene	13.987	152	2221316	78.302	ng/ul	99
51) 3-Nitroaniline	14.181	138	306433	74.768	ng/ul	98
52) Acenaphthene	14.334	153	1453463	77.125	ng/ul	100
53) 2,4-Dinitrophenol	14.428	184	214201	84.573	ng/ul	92
55) 4-Nitrophenol	14.516	109	253026	80.764	ng/ul	94
56) Dibenzofuran	14.669	168	1942427	75.893	ng/ul	99
57) 2,4-Dinitrotoluene	14.669	165	480200	78.921	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.904	232	440818	79.000	ng/ul	95
59) Diethylphthalate	15.122	149	1610507	74.093	ng/ul	99
61) Fluorene	15.334	166	1530785	73.331	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.328	204	840406	75.164	ng/ul	98
63) 4-Nitroaniline	15.387	138	245282	71.558	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.451	198	309102	84.067	ng/ul	98
67) N-Nitrosodiphenylamine	15.563	169	1278747	79.986	ng/ul	98
68) 4-Bromophenyl-phenylether	16.257	248	520855	82.917	ng/ul	98
69) Hexachlorobenzene	16.369	284	562790	80.685	ng/ul	99
70) Atrazine	16.557	200	485769	79.306	ng/ul	98
71) Pentachlorophenol	16.728	266	345052	84.388	ng/ul	97
72) Phenanthrene	17.134	178	2335837	78.057	ng/ul	100
74) Anthracene	17.234	178	2387892	78.589	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.028	216	842769	89.308	ng/ul	99
76) Pentachlorobenzene	14.581	250	735765	84.190	ng/ul	98
77) Carbazole	17.522	167	2038304	78.450	ng/ul	99
78) Di-n-butylphthalate	18.104	149	2617837	79.730	ng/ul	99
80) Fluoranthene	19.239	202	2729125	75.416	ng/ul	97
82) Pyrene	19.622	202	2845518	75.657	ng/ul	99
83) Butylbenzylphthalate	20.592	149	1176058	77.006	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.475	252	856786	76.724	ng/ul	99
85) Benzo(a)anthracene	21.545	228	2904956	79.941	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.492	149	1734000	77.702	ng/ul	98
87) Chrysene	21.610	228	2705160	80.071	ng/ul	98
89) Di-n-octyl phthalate	22.775	149	3064671	75.695	ng/ul	100
90) Benzo(b)fluoranthene	23.839	252	2965352	79.184	ng/ul	99
91) Benzo(k)fluoranthene	23.910	252	3045663	80.030	ng/ul	99
93) Benzo(a)pyrene	24.733	252	2901194	80.090	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.674	276	3724333m	81.674	ng/ul	
95) Dibenzo(a,h)anthracene	28.757	278	3017346	81.395	ng/ul	98
96) Benzo(g,h,i)perylene	29.845	276	3048030m	82.676	ng/ul	

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

