

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
 Data File : BP020102.D
 Acq On : 23 Apr 2024 12:57
 Operator : MA/JU
 Sample : SST08098
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST080620

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Apr 24 00:36:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 14:20:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	153911	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	589667	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	306761	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.169	188	592523	20.000	ng/u1	0.00
79) Chrysene-d12	21.663	240	581367	20.000	ng/u1	0.00
88) Perylene-d12	25.051	264	635867	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	103852	30.656	ng/uL	0.00
4) Pyridine-d5	3.628	84	822344	80.946	ng/u1	0.00
7) Phenol-d5	6.828	99	1060661	82.172	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	685963	81.752	ng/u1	0.01
11) 2-Chlorophenol-d4	7.181	132	765176	81.989	ng/u1	0.00
15) 4-Methylphenol-d8	8.357	113	811740	81.874	ng/u1	0.02
21) Nitrobenzene-d5	8.804	128	381571	86.919	ng/u1	0.01
24) 2-Nitrophenol-d4	9.510	143	435241	85.820	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	782810	84.480	ng/u1	0.00
31) 4-Chloroaniline-d4	10.575	131	913704	78.404	ng/u1	0.00
46) Dimethylphthalate-d6	13.734	166	1827101	85.238	ng/u1	0.01
49) Acenaphthylene-d8	14.010	160	2030356	80.704	ng/u1	0.01
54) 4-Nitrophenol-d4	14.575	143	265777	82.861	ng/u1	0.01
60) Fluorene-d10	15.351	176	1399840	75.670	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	15.510	200	261697	92.062	ng/u1	0.02
73) Anthracene-d10	17.275	188	2125646	81.003	ng/u1	0.02
81) Pyrene-d10	19.669	212	2637154	79.714	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.833	264	2497001	80.776	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	3.264	88	116104	29.698	ng/uL	99
5) Pyridine	3.646	79	835079	80.307	ng/u1	99
6) Benzaldehyde	6.810	77	539898m	74.216	ng/u1	
8) Phenol	6.858	94	1100742	81.650	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.087	93	878854	81.668	ng/u1	100
12) 2-Chlorophenol	7.210	128	789984	81.681	ng/u1	99
13) 2-Methylphenol	8.081	108	807247	82.486	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.169	45	1205642	80.561	ng/u1	99
16) Acetophenone	8.469	105	1315252	80.783	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.469	70	747619	80.931	ng/u1	97
18) 4-Methylphenol	8.422	108	850531	81.744	ng/u1	100
19) Hexachloroethane	8.693	117	370320	78.197	ng/u1	94
22) Nitrobenzene	8.846	77	1131705	84.643	ng/u1	97
23) Isophorone	9.369	82	2002024	82.920	ng/u1	100
25) 2-Nitrophenol	9.546	139	456424	86.881	ng/u1	93
26) 2,4-Dimethylphenol	9.604	107	940236	82.116	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.846	93	1150044	83.308	ng/u1	99
29) 2,4-Dichlorophenol	10.075	162	752621	83.441	ng/u1	98
30) Naphthalene	10.469	128	2383252	77.851	ng/u1	99
32) 4-Chloroaniline	10.593	127	897389	78.531	ng/u1	99
33) Hexachlorobutadiene	10.728	225	640032	82.328	ng/u1	98
34) Caprolactam	11.422	113	203123m	87.649	ng/u1	
35) 4-Chloro-3-methylphenol	11.734	107	792340	76.977	ng/u1	98
36) 2-Methylnaphthalene	12.093	142	1545670	76.319	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.310	142	1499171	74.369	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.469	216	968229	90.217	ng/ul	95
40) Hexachlorocyclopentadiene	12.422	237	380378	98.148	ng/ul	96
41) 2,4,6-Trichlorophenol	12.716	196	566952	88.108	ng/ul	98
42) 2,4,5-Trichlorophenol	12.798	196	587963	88.095	ng/ul	95
43) 1,1'-Biphenyl	13.134	154	1920912	86.546	ng/ul	99
44) 2-Chloronaphthalene	13.175	162	1531394	85.186	ng/ul	100
45) 2-Nitroaniline	13.398	65	511521	88.002	ng/ul	99
47) Dimethylphthalate	13.787	163	1843717	84.540	ng/ul	99
48) 2,6-Dinitrotoluene	13.922	165	375410	86.110	ng/ul	97
50) Acenaphthylene	14.039	152	2264309	80.473	ng/ul	99
51) 3-Nitroaniline	14.263	138	348422	80.995	ng/ul	97
52) Acenaphthene	14.387	153	1459150	78.772	ng/ul	98
53) 2,4-Dinitrophenol	14.487	184	175205	94.559	ng/ul	93
55) 4-Nitrophenol	14.587	109	280425	83.906	ng/ul	98
56) Dibenzofuran	14.734	168	1971962	76.920	ng/ul	98
57) 2,4-Dinitrotoluene	14.734	165	494213	79.930	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.975	232	457387	76.807	ng/ul	97
59) Diethylphthalate	15.192	149	1693921	78.964	ng/ul	99
61) Fluorene	15.404	166	1587459	75.330	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.404	204	903728	78.916	ng/ul	96
63) 4-Nitroaniline	15.469	138	323962	81.646	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.522	198	273628	91.943	ng/ul	98
67) N-Nitrosodiphenylamine	15.634	169	1285218	82.299	ng/ul	99
68) 4-Bromophenyl-phenylether	16.333	248	542707	84.032	ng/ul	95
69) Hexachlorobenzene	16.433	284	599316	81.953	ng/ul	99
70) Atrazine	16.639	200	478910	79.122	ng/ul	99
71) Pentachlorophenol	16.810	266	387091	84.744	ng/ul	98
72) Phenanthrene	17.216	178	2446251	80.517	ng/ul	99
74) Anthracene	17.310	178	2474414	80.178	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.087	216	920707	96.090	ng/ul	99
76) Pentachlorobenzene	14.645	250	776579	87.536	ng/ul	99
77) Carbazole	17.604	167	2164903	79.667	ng/ul	99
78) Di-n-butylphthalate	18.198	149	2622969	79.820	ng/ul	99
80) Fluoranthene	19.322	202	3063687	79.544	ng/ul	99
82) Pyrene	19.704	202	3149710	78.480	ng/ul	97
83) Butylbenzylphthalate	20.674	149	1291279	79.988	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.569	252	798437	73.102	ng/ul	99
85) Benzo(a)anthracene	21.639	228	3213833	79.726	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.586	149	1876529	79.062	ng/ul	99
87) Chrysene	21.710	228	3021041	81.013	ng/ul	99
89) Di-n-octyl phthalate	22.904	149	3168994	79.508	ng/ul	100
90) Benzo(b)fluoranthene	23.992	252	3138542	81.557	ng/ul	98
91) Benzo(k)fluoranthene	24.068	252	3105602	82.397	ng/ul	99
93) Benzo(a)pyrene	24.910	252	2999623	83.387	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.945	276	3543061m	82.301	ng/ul	
95) Dibenzo(a,h)anthracene	29.027	278	2973068m	84.104	ng/ul	
96) Benzo(g,h,i)perylene	30.150	276	2813242m	83.278	ng/ul	

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

