

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080824\
 Data File : BP021462.D
 Acq On : 09 Aug 2024 00:54
 Operator : RC/JU
 Sample : P3433-09MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E05Y9MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/09/2024
 Supervised By :mohammad ahmed 08/12/2024

Quant Time: Aug 09 03:47:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 08 18:23:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.605	152	161272	20.000	ng/u1	0.00
20) Naphthalene-d8	10.375	136	666607	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.245	164	436725	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	954766	20.000	ng/u1	0.00
79) Chrysene-d12	21.504	240	894310	20.000	ng/u1	0.00
88) Perylene-d12	24.780	264	1075298	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	15193	4.287	ng/uL	0.00
4) Pyridine-d5	3.570	84	199362	19.431	ng/u1	-0.01
7) Phenol-d5	6.828	99	336190	25.570	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.952	67	206055	25.860	ng/u1	0.00
11) 2-Chlorophenol-d4	7.158	132	282596	26.087	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	282339	25.855	ng/u1	0.00
21) Nitrobenzene-d5	8.769	128	134254	25.930	ng/u1	0.00
24) 2-Nitrophenol-d4	9.475	143	134638	22.720	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.046	165	273258	25.501	ng/u1	0.00
31) 4-Chloroaniline-d4	10.540	131	372487	26.239	ng/u1	0.00
46) Dimethylphthalate-d6	13.657	166	987846	31.116	ng/u1	0.00
49) Acenaphthylene-d8	13.934	160	1046551	29.358	ng/u1	0.00
54) 4-Nitrophenol-d4	14.581	143	186906m	41.378	ng/u1	0.00
60) Fluorene-d10	15.269	176	725737	27.864	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	146655	25.387	ng/u1	0.00
73) Anthracene-d10	17.175	188	1307899	30.842	ng/u1	0.00
81) Pyrene-d10	19.557	212	1581246	28.599	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.557	264	1802752	33.993	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	50682	13.003	ng/uL	95
5) Pyridine	3.587	79	290270	27.429	ng/u1	94
6) Benzaldehyde	6.793	77	257713	38.879	ng/u1	98
8) Phenol	6.852	94	462578	34.768	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.046	93	354837	32.285	ng/u1	96
12) 2-Chlorophenol	7.187	128	360937	33.244	ng/u1	96
13) 2-Methylphenol	8.069	108	346413	33.667	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.110	45	542231	34.148	ng/u1#	94
16) Acetophenone	8.434	105	565489	33.552	ng/u1	91
17) N-Nitroso-di-n-propyla...	8.405	70	288869	32.711	ng/u1	98
18) 4-Methylphenol	8.410	108	374650	33.987	ng/u1	96
19) Hexachloroethane	8.646	117	151497	31.051	ng/u1	96
22) Nitrobenzene	8.810	77	435459	35.109	ng/u1	99
23) Isophorone	9.328	82	728119	29.530	ng/u1	99
25) 2-Nitrophenol	9.510	139	186245	30.134	ng/u1	98
26) 2,4-Dimethylphenol	9.581	107	367987	30.193	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.793	93	437938	29.220	ng/u1	99
29) 2,4-Dichlorophenol	10.069	162	352344	33.364	ng/u1	99
30) Naphthalene	10.428	128	1147589	32.728	ng/u1	99
32) 4-Chloroaniline	10.563	127	408482	30.134	ng/u1	98
33) Hexachlorobutadiene	10.669	225	249775	31.543	ng/u1	99
34) Caprolactam	11.393	113	119746m	36.808	ng/u1	
35) 4-Chloro-3-methylphenol	11.728	107	410911	35.796	ng/u1	100
36) 2-Methylnaphthalene	12.040	142	802132	33.326	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.257	142	806092	32.563	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.416	216	469211	33.082	ng/ul	96
40) Hexachlorocyclopentadiene	12.363	237	89329	12.040	ng/ul	98
41) 2,4,6-Trichlorophenol	12.687	196	293621	32.763	ng/ul	99
42) 2,4,5-Trichlorophenol	12.787	196	321430	33.898	ng/ul	98
43) 1,1'-Biphenyl	13.069	154	1078948	33.805	ng/ul	98
44) 2-Chloronaphthalene	13.116	162	846119	33.208	ng/ul	99
45) 2-Nitroaniline	13.369	65	274944	39.020	ng/ul	93
47) Dimethylphthalate	13.710	163	1100518	34.164	ng/ul	99
48) 2,6-Dinitrotoluene	13.863	165	224162	34.806	ng/ul	94
50) Acenaphthylene	13.963	152	1325985	32.853	ng/ul	100
51) 3-Nitroaniline	14.222	138	223760	39.926	ng/ul	98
52) Acenaphthene	14.310	153	929323	34.690	ng/ul	98
53) 2,4-Dinitrophenol	14.475	184	111642	33.009	ng/ul	95
55) 4-Nitrophenol	14.604	109	118735	32.315	ng/ul	99
56) Dibenzofuran	14.663	168	1283336	34.983	ng/ul	99
57) 2,4-Dinitrotoluene	14.687	165	344622	38.981	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.922	232	260582	32.092	ng/ul	98
59) Diethylphthalate	15.098	149	952502	29.587	ng/ul	99
61) Fluorene	15.328	166	961523	32.119	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.316	204	504660	31.067	ng/ul	98
63) 4-Nitroaniline	15.416	138	199109	42.901	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.469	198	181307	29.596	ng/ul	98
67) N-Nitrosodiphenylamine	15.551	169	890657	32.035	ng/ul	99
68) 4-Bromophenyl-phenylether	16.234	248	350094	31.284	ng/ul	98
69) Hexachlorobenzene	16.351	284	417323	32.523	ng/ul	98
70) Atrazine	16.539	200	303815	29.983	ng/ul	98
71) Pentachlorophenol	16.745	266	213716	30.666	ng/ul	99
72) Phenanthrene	17.116	178	1696602	34.254	ng/ul	100
74) Anthracene	17.216	178	1686111	33.393	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.034	216	457592	29.944	ng/ul	99
76) Pentachlorobenzene	14.575	250	460934	30.355	ng/ul	100
77) Carbazole	17.516	167	1535469	37.199	ng/ul	100
78) Di-n-butylphthalate	18.069	149	1922563	33.760	ng/ul	99
80) Fluoranthene	19.216	202	2042260	30.586	ng/ul	97
82) Pyrene	19.592	202	2164206	31.852	ng/ul	100
83) Butylbenzylphthalate	20.522	149	908347	32.087	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.422	252	575418	28.158	ng/ul	97
85) Benzo(a)anthracene	21.486	228	2051653	32.749	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.386	149	1099199	26.981	ng/ul	99
87) Chrysene	21.557	228	2034809	34.955	ng/ul	100
89) Di-n-octyl phthalate	22.610	149	2199362	30.962	ng/ul	100
90) Benzo(b)fluoranthene	23.739	252	2295530	35.178	ng/ul	100
91) Benzo(k)fluoranthene	23.816	252	2207722	33.901	ng/ul	99
93) Benzo(a)pyrene	24.627	252	2033561	32.978	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.509	276	2715080	34.169	ng/ul	98
95) Dibenzo(a,h)anthracene	28.556	278	2206841	33.539	ng/ul	100
96) Benzo(g,h,i)perylene	29.703	276	2074770m	32.061	ng/ul	

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

