

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
 Data File : BP022877.D
 Acq On : 06 Nov 2024 02:59
 Operator : RC/JU
 Sample : P4581-03MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EC9MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :mohammad ahmed 11/08/2024

Quant Time: Nov 06 03:26:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 00:31:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	113324	20.000	ng/u1	0.00
20) Naphthalene-d8	10.375	136	444485	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.245	164	337485	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	795959	20.000	ng/u1	0.00
79) Chrysene-d12	21.492	240	803033	20.000	ng/u1	0.00
88) Perylene-d12	24.745	264	944773	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	8474	2.906	ng/uL	0.00
4) Pyridine-d5	3.581	84	133291	16.649	ng/u1	0.00
7) Phenol-d5	6.822	99	216586	22.705	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	119703	21.350	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	163509	24.156	ng/u1	0.00
15) 4-Methylphenol-d8	8.334	113	173392	22.776	ng/u1	0.00
21) Nitrobenzene-d5	8.769	128	81498	23.846	ng/u1	0.00
24) 2-Nitrophenol-d4	9.481	143	99655	25.186	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	215270	25.598	ng/u1	0.00
31) 4-Chloroaniline-d4	10.522	131	200228	20.150	ng/u1	0.00
46) Dimethylphthalate-d6	13.651	166	622778	23.226	ng/u1	-0.01
49) Acenaphthylene-d8	13.934	160	686167	24.093	ng/u1	0.00
54) 4-Nitrophenol-d4	14.481	143	88455	19.664	ng/u1	-0.02
60) Fluorene-d10	15.251	176	556324	23.920	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	96502	18.434	ng/u1	-0.01
73) Anthracene-d10	17.157	188	894128	23.879	ng/u1	0.00
81) Pyrene-d10	19.528	212	1092611	25.729	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.527	264	1217693	24.134	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	29273	9.336	ng/uL	99
5) Pyridine	3.605	79	217645	26.514	ng/u1	96
6) Benzaldehyde	6.787	77	31716	6.152	ng/u1	95
8) Phenol	6.852	94	326733	32.921	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.058	93	225446	30.352	ng/u1	100
12) 2-Chlorophenol	7.199	128	239091	34.159	ng/u1	97
13) 2-Methylphenol	8.069	108	236323	32.811	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.134	45	252825	29.288	ng/u1	97
16) Acetophenone	8.434	105	386170	30.726	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.422	70	194525	30.549	ng/u1	98
18) 4-Methylphenol	8.399	108	257629	32.243	ng/u1	94
19) Hexachloroethane	8.681	117	102813	31.540	ng/u1	97
22) Nitrobenzene	8.810	77	312309	30.614	ng/u1	97
23) Isophorone	9.334	82	543723	29.726	ng/u1	97
25) 2-Nitrophenol	9.510	139	147010	34.475	ng/u1	96
26) 2,4-Dimethylphenol	9.575	107	296149	31.952	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.799	93	306497	29.512	ng/u1	99
29) 2,4-Dichlorophenol	10.040	162	287249	34.686	ng/u1	99
30) Naphthalene	10.428	128	767982	32.439	ng/u1	98
32) 4-Chloroaniline	10.546	127	211630	21.575	ng/u1	96
33) Hexachlorobutadiene	10.704	225	234804	33.640	ng/u1	98
34) Caprolactam	11.340	113	81268m	30.439	ng/u1	
35) 4-Chloro-3-methylphenol	11.687	107	302376	33.465	ng/u1	98
36) 2-Methylnaphthalene	12.040	142	567284	32.643	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.263	142	559887	31.565	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.410	216	435792	34.923	ng/ul	95
40) Hexachlorocyclopentadiene	12.381	237	114680	15.084	ng/ul	99
41) 2,4,6-Trichlorophenol	12.663	196	280822	35.776	ng/ul	98
42) 2,4,5-Trichlorophenol	12.746	196	303874	36.358	ng/ul	97
43) 1,1'-Biphenyl	13.057	154	802341	32.983	ng/ul	99
44) 2-Chloronaphthalene	13.098	162	665546	33.422	ng/ul	98
45) 2-Nitroaniline	13.322	65	192669	32.403	ng/ul	94
47) Dimethylphthalate	13.698	163	840068	31.441	ng/ul	100
48) 2,6-Dinitrotoluene	13.822	165	180102	35.637	ng/ul	94
50) Acenaphthylene	13.963	152	966488	32.699	ng/ul	99
51) 3-Nitroaniline	14.157	138	155783	32.820	ng/ul	93
52) Acenaphthene	14.310	153	703304	33.650	ng/ul	98
53) 2,4-Dinitrophenol	14.387	184	84791	22.803	ng/ul	93
55) 4-Nitrophenol	14.498	109	151273	30.299	ng/ul	94
56) Dibenzofuran	14.657	168	1032375	32.883	ng/ul	99
57) 2,4-Dinitrotoluene	14.640	165	271266	34.542	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.887	232	274141	35.141	ng/ul	98
59) Diethylphthalate	15.081	149	831478	32.437	ng/ul	99
61) Fluorene	15.316	166	844365	33.007	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.310	204	491956	33.629	ng/ul	99
63) 4-Nitroaniline	15.363	138	171308m	35.866	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.422	198	153758	27.268	ng/ul#	95
67) N-Nitrosodiphenylamine	15.522	169	714297	33.511	ng/ul	99
68) 4-Bromophenyl-phenylether	16.216	248	342720	35.705	ng/ul	99
69) Hexachlorobenzene	16.345	284	429673	36.367	ng/ul	96
70) Atrazine	16.510	200	309128	34.890	ng/ul	97
71) Pentachlorophenol	16.704	266	269955	35.535	ng/ul	96
72) Phenanthrene	17.098	178	1495218	35.112	ng/ul	99
74) Anthracene	17.186	178	1384899	32.588	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.022	216	426385	35.182	ng/ul	97
76) Pentachlorobenzene	14.569	250	465618	34.754	ng/ul	99
77) Carbazole	17.481	167	1212098	32.234	ng/ul	99
78) Di-n-butylphthalate	18.051	149	1352607	32.509	ng/ul	99
80) Fluoranthene	19.181	202	1880363	38.517	ng/ul	98
82) Pyrene	19.563	202	1960766	37.473	ng/ul	96
83) Butylbenzylphthalate	20.522	149	624690	34.291	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.398	252	439514	22.960	ng/ul	99
85) Benzo(a)anthracene	21.480	228	1897137	33.700	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	878678	33.602	ng/ul	99
87) Chrysene	21.539	228	1788165	34.257	ng/ul	100
89) Di-n-octyl phthalate	22.633	149	1451804	32.306	ng/ul	100
90) Benzo(b)fluoranthene	23.721	252	2032874	34.183	ng/ul#	98
91) Benzo(k)fluoranthene	23.792	252	1977597	33.965	ng/ul#	98
93) Benzo(a)pyrene	24.598	252	1835674	33.538	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	28.445	276	2488812	34.075	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.509	278	1955611	33.065	ng/ul#	98
96) Benzo(g,h,i)perylene	29.574	276	1919050m	33.779	ng/ul	

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

