

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
 Data File : BP023250.D
 Acq On : 20 Nov 2024 14:19
 Operator : RC/JU
 Sample : P4875-15MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E2A01MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 21 01:01:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 20 04:34:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.564	152	72833	20.000	ng/u1	0.00
20) Naphthalene-d8	10.310	136	267919	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.175	164	204383	20.000	ng/u1	-0.01
64) Phenanthrene-d10	16.992	188	497264	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.422	240	568190	20.000	ng/u1	0.00
88) Perylene-d12	24.633	264	661372	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	8524	5.626	ng/uL	0.00
4) Pyridine-d5	3.558	84	38185	8.482	ng/u1	0.01
7) Phenol-d5	6.781	99	39809	7.393	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.917	67	100675	31.822	ng/u1	0.00
11) 2-Chlorophenol-d4	7.117	132	111014	28.150	ng/u1	0.00
15) 4-Methylphenol-d8	8.281	113	80047	18.065	ng/u1	0.00
21) Nitrobenzene-d5	8.711	128	63343	33.961	ng/u1	0.00
24) 2-Nitrophenol-d4	9.422	143	75670	34.030	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.958	165	154735	33.229	ng/u1	0.00
31) 4-Chloroaniline-d4	10.469	131	157832	28.410	ng/u1	0.00
46) Dimethylphthalate-d6	13.604	166	569033	38.630	ng/u1	0.02
49) Acenaphthylene-d8	13.875	160	544798	35.445	ng/u1	0.00
54) 4-Nitrophenol-d4	14.463	143	11013	4.975	ng/u1	0.00
60) Fluorene-d10	15.187	176	481469	37.280	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.357	200	117443	39.426	ng/u1	0.00
73) Anthracene-d10	17.098	188	846474	40.204	ng/u1	0.00
81) Pyrene-d10	19.475	212	1128921	43.136	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.416	264	1367635	43.412	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.170	88	8695	4.966	ng/uL	96
5) Pyridine	3.576	79	40563	8.972	ng/u1	91
6) Benzaldehyde	6.740	77	73532	23.730	ng/u1	97
8) Phenol	6.805	94	44111	7.845	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.011	93	123719	29.280	ng/u1	97
12) 2-Chlorophenol	7.146	128	106298	25.962	ng/u1	96
13) 2-Methylphenol	8.022	108	84382	20.104	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.075	45	141967	29.679	ng/u1	96
16) Acetophenone	8.381	105	213207	28.633	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.358	70	106459	28.633	ng/u1	97
18) 4-Methylphenol	8.352	108	79811	17.215	ng/u1	99
19) Hexachloroethane	8.611	117	44422	22.433	ng/u1	93
22) Nitrobenzene	8.752	77	164001	30.643	ng/u1	95
23) Isophorone	9.263	82	300392	31.390	ng/u1	98
25) 2-Nitrophenol	9.452	139	73311	31.236	ng/u1	97
26) 2,4-Dimethylphenol	9.516	107	117356	23.156	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.740	93	170151	32.315	ng/u1	97
29) 2,4-Dichlorophenol	9.987	162	141049	30.580	ng/u1	96
30) Naphthalene	10.358	128	383250	29.444	ng/u1	99
32) 4-Chloroaniline	10.493	127	77172	14.338	ng/u1	97
33) Hexachlorobutadiene	10.628	225	113202	27.124	ng/u1	97
34) Caprolactam	11.305	113	5990m	4.366	ng/u1	
35) 4-Chloro-3-methylphenol	11.628	107	148841	29.996	ng/u1	97
36) 2-Methylnaphthalene	11.975	142	291636	29.678	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.199	142	289603	28.829	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.346	216	223444	32.383	ng/ul	95
40) Hexachlorocyclopentadiene	12.316	237	84180	23.227	ng/ul	99
41) 2,4,6-Trichlorophenol	12.610	196	143844	34.236	ng/ul	98
42) 2,4,5-Trichlorophenol	12.693	196	156937	34.647	ng/ul	97
43) 1,1'-Biphenyl	12.999	154	430373	32.862	ng/ul	100
44) 2-Chloronaphthalene	13.040	162	352164	32.895	ng/ul	99
45) 2-Nitroaniline	13.275	65	111973	37.250	ng/ul	90
47) Dimethylphthalate	13.646	163	512801	35.299	ng/ul	99
48) 2,6-Dinitrotoluene	13.763	165	108706	38.469	ng/ul	99
50) Acenaphthylene	13.904	152	528864	34.040	ng/ul	99
51) 3-Nitroaniline	14.104	138	84521m	34.726	ng/ul	
52) Acenaphthene	14.246	153	376126	33.346	ng/ul	99
53) 2,4-Dinitrophenol	14.351	184	63892	31.865	ng/ul	98
55) 4-Nitrophenol	14.475	109	9917	3.829	ng/ul	94
56) Dibenzofuran	14.587	168	584247	33.525	ng/ul	98
57) 2,4-Dinitrotoluene	14.593	165	168489	37.411	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	14.828	232	160165	36.174	ng/ul	99
59) Diethylphthalate	15.034	149	536090	37.313	ng/ul	99
61) Fluorene	15.246	166	493093	34.569	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.246	204	285954	34.047	ng/ul	97
63) 4-Nitroaniline	15.310	138	93585	41.322	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.375	198	114747	36.060	ng/ul	100
67) N-Nitrosodiphenylamine	15.469	169	440512	38.337	ng/ul	99
68) 4-Bromophenyl-phenylether	16.163	248	211502	37.560	ng/ul	97
69) Hexachlorobenzene	16.281	284	257710	36.355	ng/ul	99
70) Atrazine	16.463	200	34947	6.292	ng/ul#	92
71) Pentachlorophenol	16.645	266	149155	33.891	ng/ul	99
72) Phenanthrene	17.034	178	880345	37.496	ng/ul	100
74) Anthracene	17.140	178	870303	36.869	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.969	216	220837	33.636	ng/uL	98
76) Pentachlorobenzene	14.510	250	273238	36.448	ng/uL	96
77) Carbazole	17.428	167	798991	38.796	ng/ul	99
78) Di-n-butylphthalate	17.998	149	939338	41.102	ng/ul	99
80) Fluoranthene	19.128	202	1180978	39.169	ng/ul	100
82) Pyrene	19.510	202	1255807	38.771	ng/ul	99
83) Butylbenzylphthalate	20.457	149	442015	41.449	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.333	252	373277	29.267	ng/ul	99
85) Benzo(a)anthracene	21.404	228	1364300	39.323	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.333	149	651345	42.981	ng/ul	98
87) Chrysene	21.469	228	1269355	38.883	ng/ul	99
89) Di-n-octyl phthalate	22.557	149	1113108	41.485	ng/ul	100
90) Benzo(b)fluoranthene	23.622	252	1456949	39.578	ng/ul	99
91) Benzo(k)fluoranthene	23.686	252	1462062	40.345	ng/ul#	99
93) Benzo(a)pyrene	24.480	252	1321278	39.705	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.274	276	1743750m	37.611	ng/ul	
95) Dibenzo(a,h)anthracene	28.333	278	1412785	37.530	ng/ul	98
96) Benzo(g,h,i)perylene	29.374	276	1334522m	37.897	ng/ul	

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

