

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
 Data File : BP022309.D
 Acq On : 10 Oct 2024 04:38
 Operator : RC/JU
 Sample : P4207-10MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EY052MS

Quant Time: Oct 10 05:06:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 02:14:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/11/2024
 Supervised By :mohammad ahmed 10/11/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	122412	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	499246	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	395045	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.110	188	952570	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	932593	20.000	ng/u1	0.00
88) Perylene-d12	24.839	264	1092957	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	10853	3.445	ng/uL	0.00
4) Pyridine-d5	3.646	84	58925	6.814	ng/u1	0.01
7) Phenol-d5	6.893	99	87766	8.517	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	160438	26.491	ng/u1	0.00
11) 2-Chlorophenol-d4	7.246	132	188495	25.780	ng/u1	0.00
15) 4-Methylphenol-d8	8.410	113	161654	19.658	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	106997	27.873	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	134797	30.331	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	277466	29.375	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	229473	20.560	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	920547	29.329	ng/u1	0.00
49) Acenaphthylene-d8	14.010	160	951295	28.536	ng/u1	0.01
54) 4-Nitrophenol-d4	14.539	143	47770	9.072	ng/u1	0.01
60) Fluorene-d10	15.316	176	806428	29.622	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	188444	30.079	ng/u1	0.01
73) Anthracene-d10	17.216	188	1410607	31.479	ng/u1	0.00
81) Pyrene-d10	19.598	212	1734223	35.165	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.610	264	1853785	31.759	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.258	88	20315	5.998	ng/uL	99
5) Pyridine	3.664	79	73123	8.247	ng/u1	99
6) Benzaldehyde	6.863	77	172293	30.941	ng/u1	98
8) Phenol	6.922	94	99834	9.312	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.134	93	226832	28.271	ng/u1	99
12) 2-Chlorophenol	7.281	128	200791	26.557	ng/u1	95
13) 2-Methylphenol	8.152	108	180696	23.225	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.216	45	252683	27.098	ng/u1	97
16) Acetophenone	8.516	105	395970	29.167	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.499	70	206327	29.997	ng/u1	97
18) 4-Methylphenol	8.469	108	178877	20.725	ng/u1	100
19) Hexachloroethane	8.763	117	85184	24.192	ng/u1	97
22) Nitrobenzene	8.887	77	320676	27.986	ng/u1	98
23) Isophorone	9.410	82	597390	29.078	ng/u1	99
25) 2-Nitrophenol	9.587	139	147748	30.847	ng/u1	96
26) 2,4-Dimethylphenol	9.652	107	273921	26.312	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.881	93	330472	28.330	ng/u1	98
29) 2,4-Dichlorophenol	10.122	162	276515	29.727	ng/u1	98
30) Naphthalene	10.516	128	733997	27.603	ng/u1	99
32) 4-Chloroaniline	10.622	127	226421	20.551	ng/u1	99
33) Hexachlorobutadiene	10.799	225	193617	24.697	ng/u1	99
34) Caprolactam	11.416	113	17284m	5.764	ng/u1	
35) 4-Chloro-3-methylphenol	11.751	107	306538	30.204	ng/u1	99
36) 2-Methylnaphthalene	12.122	142	561731	28.778	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.345	142	575271	28.875	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.493	216	416171	28.491	ng/ul	95
40) Hexachlorocyclopentadiene	12.475	237	114683	12.886	ng/ul	99
41) 2,4,6-Trichlorophenol	12.745	196	285979	31.125	ng/ul	99
42) 2,4,5-Trichlorophenol	12.816	196	317985	32.503	ng/ul	98
43) 1,1'-Biphenyl	13.140	154	817297	28.703	ng/ul	100
44) 2-Chloronaphthalene	13.181	162	679733	29.161	ng/ul	100
45) 2-Nitroaniline	13.398	65	210050	30.179	ng/ul	92
47) Dimethylphthalate	13.769	163	924375	29.555	ng/ul	100
48) 2,6-Dinitrotoluene	13.892	165	203989	34.482	ng/ul	95
50) Acenaphthylene	14.040	152	1015594	29.354	ng/ul	99
51) 3-Nitroaniline	14.222	138	163098	29.354	ng/ul	98
52) Acenaphthene	14.387	153	733482	29.980	ng/ul	99
53) 2,4-Dinitrophenol	14.445	184	126611	29.089	ng/ul	98
55) 4-Nitrophenol	14.557	109	54469	9.320	ng/ul	94
56) Dibenzofuran	14.728	168	1091272	29.694	ng/ul	100
57) 2,4-Dinitrotoluene	14.698	165	310590	33.787	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.951	232	293291	32.118	ng/ul#	97
59) Diethylphthalate	15.151	149	914704	30.484	ng/ul	99
61) Fluorene	15.375	166	921948	30.789	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.387	204	512090	29.905	ng/ul	96
63) 4-Nitroaniline	15.416	138	178303m	31.891	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.475	198	203078	30.094	ng/ul	96
67) N-Nitrosodiphenylamine	15.586	169	784606	30.758	ng/ul	100
68) 4-Bromophenyl-phenylether	16.281	248	366092	31.869	ng/ul	97
69) Hexachlorobenzene	16.410	284	464162	32.827	ng/ul	98
70) Atrazine	16.563	200	204420	19.279	ng/ul	96
71) Pentachlorophenol	16.757	266	293773	32.313	ng/ul	96
72) Phenanthrene	17.157	178	1634503	32.072	ng/ul	99
74) Anthracene	17.251	178	1584716	31.159	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.104	216	421545	29.064	ng/ul	97
76) Pentachlorobenzene	14.645	250	471378	29.399	ng/ul	97
77) Carbazole	17.539	167	1435065	31.889	ng/ul	99
78) Di-n-butylphthalate	18.122	149	1574904	31.629	ng/ul	99
80) Fluoranthene	19.251	202	2033832	35.873	ng/ul	99
82) Pyrene	19.622	202	2132022	35.085	ng/ul	99
83) Butylbenzylphthalate	20.569	149	746741	35.296	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.439	252	372955	16.776	ng/ul	98
85) Benzo(a)anthracene	21.521	228	2106564	32.221	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.457	149	1009211	33.233	ng/ul	100
87) Chrysene	21.592	228	1961586	32.358	ng/ul	99
89) Di-n-octyl phthalate	22.704	149	1745985	33.584	ng/ul	100
90) Benzo(b)fluoranthene	23.798	252	2180343	31.692	ng/ul	98
91) Benzo(k)fluoranthene	23.863	252	2224275	33.022	ng/ul	98
93) Benzo(a)pyrene	24.686	252	1946813	30.747	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.574	276	2682614	31.749	ng/ul	98
95) Dibenzo(a,h)anthracene	28.645	278	2176917m	31.816	ng/ul	
96) Benzo(g,h,i)perylene	29.739	276	2096083m	31.893	ng/ul	

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

