

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102824\
 Data File : BP022697.D
 Acq On : 29 Oct 2024 02:24
 Operator : RC/JU
 Sample : PB164389BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS389

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/30/2024
 Supervised By :mohammad ahmed 10/30/2024

Quant Time: Oct 29 02:54:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 26 05:55:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	96897	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.404	136	380247	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.269	164	320039	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.057	188	790381m	20.000	ng/u1	-0.02
79) Chrysene-d12	21.498	240	869771	20.000	ng/u1	0.00
88) Perylene-d12	24.745	264	992869	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	10824	4.341	ng/uL	-0.02
4) Pyridine-d5	3.593	84	158603	23.170	ng/u1	-0.02
7) Phenol-d5	6.840	99	197649	24.232	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	6.987	67	108226	22.576	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.193	132	146195	25.260	ng/u1	-0.01
15) 4-Methylphenol-d8	8.351	113	161773	24.853	ng/u1	-0.01
21) Nitrobenzene-d5	8.787	128	69418	23.743	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.498	143	84299	24.904	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.034	165	184586	25.658	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.545	131	193396	22.750	ng/u1	-0.01
46) Dimethylphthalate-d6	13.669	166	602665	23.701	ng/u1	-0.01
49) Acenaphthylene-d8	13.957	160	630468	23.344	ng/u1	0.00
54) 4-Nitrophenol-d4	14.510	143	93241	21.858	ng/u1	0.00
60) Fluorene-d10	15.269	176	519944	23.575	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.398	200	124768	24.002	ng/u1	-0.02
73) Anthracene-d10	17.163	188	876945	23.586	ng/u1	0.00
81) Pyrene-d10	19.539	212	1143089	24.852	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.521	264	1320563	24.905	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.216	88	22219	8.287	ng/uL	95
5) Pyridine	3.616	79	158013	22.513	ng/u1	98
6) Benzaldehyde	6.804	77	23003	5.219	ng/u1	96
8) Phenol	6.863	94	205888	24.262	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.081	93	148666	23.408	ng/u1	98
12) 2-Chlorophenol	7.222	128	150933	25.219	ng/u1	96
13) 2-Methylphenol	8.087	108	149522	24.279	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.151	45	168868	22.878	ng/u1	98
16) Acetophenone	8.457	105	248919	23.163	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.440	70	132247	24.290	ng/u1	100
18) 4-Methylphenol	8.416	108	167014	24.445	ng/u1	96
19) Hexachloroethane	8.704	117	66428	23.833	ng/u1	98
22) Nitrobenzene	8.828	77	202361	23.187	ng/u1	100
23) Isophorone	9.351	82	371136	23.719	ng/u1	99
25) 2-Nitrophenol	9.528	139	88452	24.247	ng/u1	94
26) 2,4-Dimethylphenol	9.593	107	180939	22.819	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.822	93	206208	23.209	ng/u1	98
29) 2,4-Dichlorophenol	10.063	162	182392	25.745	ng/u1	99
30) Naphthalene	10.451	128	474274	23.417	ng/u1	97
32) 4-Chloroaniline	10.569	127	109119	13.004	ng/u1	99
33) Hexachlorobutadiene	10.734	225	145628	24.389	ng/u1	100
34) Caprolactam	11.351	113	52718m	23.081	ng/u1	
35) 4-Chloro-3-methylphenol	11.704	107	199591	25.821	ng/u1	99
36) 2-Methylnaphthalene	12.063	142	363301	24.437	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	361149	23.800	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.439	216	272357	23.015	ng/ul	96
40) Hexachlorocyclopentadiene	12.410	237	114815	15.925	ng/ul	97
41) 2,4,6-Trichlorophenol	12.687	196	181707	24.411	ng/ul	98
42) 2,4,5-Trichlorophenol	12.763	196	193193	24.375	ng/ul	95
43) 1,1'-Biphenyl	13.081	154	531805	23.054	ng/ul	99
44) 2-Chloronaphthalene	13.128	162	430119	22.777	ng/ul	99
45) 2-Nitroaniline	13.339	65	133326	23.645	ng/ul	96
47) Dimethylphthalate	13.716	163	588198	23.214	ng/ul	100
48) 2,6-Dinitrotoluene	13.845	165	120345	25.111	ng/ul	98
50) Acenaphthylene	13.986	152	635518	22.673	ng/ul	99
51) 3-Nitroaniline	14.181	138	102423	22.754	ng/ul	98
52) Acenaphthene	14.328	153	458407	23.128	ng/ul	99
53) 2,4-Dinitrophenol	14.398	184	82189	23.309	ng/ul	96
55) 4-Nitrophenol	14.522	109	111599	23.571	ng/ul	93
56) Dibenzofuran	14.663	168	703233	23.620	ng/ul	99
57) 2,4-Dinitrotoluene	14.651	165	188931	25.369	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	14.904	232	184098	24.885	ng/ul	99
59) Diethylphthalate	15.098	149	581116	23.906	ng/ul	99
61) Fluorene	15.322	166	575429	23.720	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.322	204	331262	23.879	ng/ul	98
63) 4-Nitroaniline	15.351	138	119954	26.483	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.416	198	132701	23.700	ng/ul	96
67) N-Nitrosodiphenylamine	15.551	169	499498	23.599	ng/ul	99
68) 4-Bromophenyl-phenylether	16.239	248	235255	24.682	ng/ul	98
69) Hexachlorobenzene	16.357	284	296473	25.270	ng/ul	97
70) Atrazine	16.527	200	223644	25.420	ng/ul	96
71) Pentachlorophenol	16.710	266	182196m	24.152	ng/ul	
72) Phenanthrene	17.098	178	1000300m	23.655	ng/ul	
74) Anthracene	17.198	178	992092	23.510	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.045	216	270202	22.452	ng/uL	98
76) Pentachlorobenzene	14.598	250	308274	23.172	ng/uL	99
77) Carbazole	17.480	167	874349	23.416	ng/ul	99
78) Di-n-butylphthalate	18.069	149	1029011	24.906	ng/ul	100
80) Fluoranthene	19.192	202	1284930	24.300	ng/ul	99
82) Pyrene	19.574	202	1370718	24.186	ng/ul	98
83) Butylbenzylphthalate	20.527	149	478551	24.253	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.404	252	509401	24.569	ng/ul	99
85) Benzo(a)anthracene	21.480	228	1437272	23.572	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	681850	24.075	ng/ul	99
87) Chrysene	21.545	228	1344217	23.776	ng/ul	100
89) Di-n-octyl phthalate	22.639	149	1143792	24.219	ng/ul	100
90) Benzo(b)fluoranthene	23.715	252	1512374	24.199	ng/ul#	99
91) Benzo(k)fluoranthene	23.792	252	1511115	24.696	ng/ul	99
93) Benzo(a)pyrene	24.592	252	1382717	24.039	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.439	276	1790662	23.329	ng/ul	97
95) Dibenzo(a,h)anthracene	28.503	278	1430839m	23.020	ng/ul	
96) Benzo(g,h,i)perylene	29.580	276	1374012m	23.014	ng/ul	

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

