

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102424\
 Data File : BP022588.D
 Acq On : 24 Oct 2024 15:12
 Operator : RC/JU
 Sample : P4436-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4E97

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/25/2024
 Supervised By :mohammad ahmed 10/26/2024

Quant Time: Oct 24 17:14:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 22 05:59:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	91448	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	358582	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	266700	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	624220	20.000	ng/u1	-0.01
79) Chrysene-d12	21.516	240	626428	20.000	ng/u1	0.02
88) Perylene-d12	24.774	264	728971	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	6167	2.621	ng/uL	-0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.846	99	147598	19.174	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	84494	18.675	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.199	132	105078	19.237	ng/u1	0.00
15) 4-Methylphenol-d8	8.364	113	120902	19.680	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	56177	20.375	ng/u1	0.00
24) 2-Nitrophenol-d4	9.505	143	65841	20.626	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	159479	23.507	ng/u1	0.00
31) 4-Chloroaniline-d4	10.546	131	95901	11.963	ng/u1	-0.01
46) Dimethylphthalate-d6	13.675	166	532925	25.150	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	529042	23.507	ng/u1	0.00
54) 4-Nitrophenol-d4	14.510	143	79483	22.359	ng/u1	0.00
60) Fluorene-d10	15.281	176	472394	25.702	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.428	200	84467	20.575	ng/u1	0.01
73) Anthracene-d10	17.187	188	787125	26.805	ng/u1	0.02
81) Pyrene-d10	19.551	212	982959	29.673	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.551	264	1085353	27.879	ng/u1	0.02
Target Compounds						
					Qvalue	
8) Phenol	6.869	94	240592	30.041	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.087	93	1010966	168.666	ng/u1	99
12) 2-Chlorophenol	7.228	128	434771	76.974	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.446	70	880496	171.357	ng/u1	96
19) Hexachloroethane	8.711	117	304132	115.617	ng/u1	99
22) Nitrobenzene	8.834	77	266567	32.390	ng/u1	99
23) Isophorone	9.358	82	2025075	137.238	ng/u1	98
25) 2-Nitrophenol	9.534	139	142771	41.501	ng/u1	93
27) Bis(2-Chloroethoxy)met...	9.828	93	1326127	158.278	ng/u1	99
29) 2,4-Dichlorophenol	10.069	162	605251	90.593	ng/u1	98
33) Hexachlorobutadiene	10.740	225	685224	121.690	ng/u1	99
35) 4-Chloro-3-methylphenol	11.704	107	280489	38.479	ng/u1	97
36) 2-Methylnaphthalene	12.069	142	665614	47.477	ng/u1	98
41) 2,4,6-Trichlorophenol	12.687	196	1018955	164.268	ng/u1	99
42) 2,4,5-Trichlorophenol	12.763	196	253170	38.331	ng/u1	99
48) 2,6-Dinitrotoluene	13.857	165	985842	246.843	ng/u1	91
50) Acenaphthylene	13.987	152	428433	18.342	ng/u1	99
52) Acenaphthene	14.334	153	1741368	105.429	ng/u1	99
55) 4-Nitrophenol	14.522	109	316511	80.222	ng/u1	95
57) 2,4-Dinitrotoluene	14.663	165	985414	158.783	ng/u1	88
61) Fluorene	15.340	166	3316774	164.069	ng/u1	98
62) 4-Chlorophenyl-phenyle...	15.328	204	620317	53.658	ng/u1	99
68) 4-Bromophenyl-phenylether	16.245	248	318429	42.302	ng/u1	97
69) Hexachlorobenzene	16.363	284	2188465	236.190	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Pentachlorophenol	16.728	266	1309604	219.817	ng/ul	96
72) Phenanthrene	17.122	178	1464228	43.844	ng/ul	99
74) Anthracene	17.222	178	1407882	42.244	ng/ul	99
78) Di-n-butylphthalate	18.081	149	5140646	157.545	ng/ul	99
80) Fluoranthene	19.210	202	6193066	162.620	ng/ul	99
82) Pyrene	19.586	202	2794276	68.458	ng/ul	97
83) Butylbenzylphthalate	20.533	149	596262	41.958	ng/ul	99
85) Benzo(a)anthracene	21.498	228	5285781	120.364	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.422	149	3496936	171.431	ng/ul	99
87) Chrysene	21.569	228	7518895	184.652	ng/ul	98
90) Benzo(b)fluoranthene	23.763	252	7869569	171.503	ng/ul#	98
93) Benzo(a)pyrene	24.627	252	1551899	36.748	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.474	276	1763401m	31.291	ng/ul	
95) Dibenzo(a,h)anthracene	28.562	278	3636284m	79.682	ng/ul	
96) Benzo(g,h,i)perylene	29.609	276	1229207m	28.042	ng/ul	

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

