

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
 Data File : BP022827.D
 Acq On : 04 Nov 2024 14:58
 Operator : RC/JU
 Sample : P4568-02DL 5X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EA4DL

Quant Time: Nov 04 15:29:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 30 10:56:39 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	82147	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.381	136	316276	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.245	164	250854	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.045	188	587113	20.000	ng/ul	-0.02
79) Chrysene-d12	21.486	240	599201	20.000	ng/ul	-0.01
88) Perylene-d12	24.733	264	725940	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	1054	0.499	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.828	99	24084	3.483	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	13932	3.428	ng/ul	0.00
11) 2-Chlorophenol-d4	7.181	132	18147	3.698	ng/ul	0.00
15) 4-Methylphenol-d8	8.351	113	16494	2.989	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	8995	3.699	ng/ul	0.00
24) 2-Nitrophenol-d4	9.486	143	9851	3.499	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.034	165	26200	4.378	ng/ul	0.00
31) 4-Chloroaniline-d4	10.539	131	18421m	2.605	ng/ul	0.00
46) Dimethylphthalate-d6	13.651	166	78369	3.932	ng/ul	-0.01
49) Acenaphthylene-d8	13.933	160	87292	4.124	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.510	143	9338m	2.793	ng/ul	0.00
60) Fluorene-d10	15.257	176	74408	4.304	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.416	200	7253m	1.878	ng/ul	0.01
73) Anthracene-d10	17.157	188	117085	4.239	ng/ul	-0.01
81) Pyrene-d10	19.533	212	145136	4.580	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.503	264	164720	4.249	ng/ul	-0.02
Target Compounds					Qvalue	
8) Phenol	6.857	94	38254	5.317	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.069	93	168025	31.207	ng/ul	97
12) 2-Chlorophenol	7.210	128	72720	14.332	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.422	70	140266	30.389	ng/ul	97
19) Hexachloroethane	8.687	117	46904	19.850	ng/ul	98
22) Nitrobenzene	8.816	77	44354	6.110	ng/ul	99
23) Isophorone	9.328	82	327829	25.189	ng/ul	98
25) 2-Nitrophenol	9.516	139	21270	7.010	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.804	93	219300	29.675	ng/ul	99
29) 2,4-Dichlorophenol	10.057	162	102492	17.393	ng/ul	99
33) Hexachlorobutadiene	10.704	225	117331	23.624	ng/ul	96
35) 4-Chloro-3-methylphenol	11.692	107	38977	6.062	ng/ul	97
36) 2-Methylnaphthalene	12.045	142	115273	9.322	ng/ul	100
41) 2,4,6-Trichlorophenol	12.669	196	159723	27.376	ng/ul	99
42) 2,4,5-Trichlorophenol	12.763	196	35560	5.724	ng/ul	95
48) 2,6-Dinitrotoluene	13.833	165	137375	36.570	ng/ul	97
50) Acenaphthylene	13.963	152	69933	3.183	ng/ul	95
52) Acenaphthene	14.304	153	290272	18.684	ng/ul	99
55) 4-Nitrophenol	14.516	109	34464	9.287	ng/ul	90
57) 2,4-Dinitrotoluene	14.633	165	130076	22.284	ng/ul	96
61) Fluorene	15.310	166	530462	27.898	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.304	204	96665	8.890	ng/ul	98
68) 4-Bromophenyl-phenylether	16.227	248	49155	6.943	ng/ul	96
69) Hexachlorobenzene	16.339	284	328413	37.684	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Pentachlorophenol	16.704	266	166440	29.703	ng/ul	97
72) Phenanthrene	17.092	178	217003	6.908	ng/ul	99
74) Anthracene	17.198	178	206667	6.593	ng/ul	99
78) Di-n-butylphthalate	18.057	149	730874	23.815	ng/ul	99
80) Fluoranthene	19.180	202	919775	25.249	ng/ul	99
82) Pyrene	19.562	202	408788	10.470	ng/ul	96
83) Butylbenzylphthalate	20.515	149	74249	5.462	ng/ul	98
85) Benzo(a)anthracene	21.468	228	784678	18.680	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	475551	24.372	ng/ul	99
87) Chrysene	21.539	228	1166427	29.947	ng/ul	100
90) Benzo(b)fluoranthene	23.703	252	1190172	26.046	ng/ul	98
93) Benzo(a)pyrene	24.562	252	243049	5.779	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.403	276	254714m	4.539	ng/ul	
95) Dibenzo(a,h)anthracene	28.474	278	529749	11.657	ng/ul#	97
96) Benzo(g,h,i)perylene	29.538	276	178459m	4.088	ng/ul	

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

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