

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
 Data File : BP017924.D
 Acq On : 07 Nov 2023 10:25
 Operator : MA/JU
 Sample : 05168-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 XA020

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/09/2023
 Supervised By :mohammad ahmed 11/11/2023

Quant Time: Nov 08 01:12:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 03:40:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	64448	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.675	136	262948	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.528	164	170347	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.304	188	377104	20.000	ng/ul	0.00
79) Chrysene-d12	21.427	240	368076	20.000	ng/ul	0.01
88) Perylene-d12	23.910	264	394482	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	7754	4.605	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.016	99	176939	29.277	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.205	67	104462	28.654	ng/ul	0.00
11) 2-Chlorophenol-d4	7.375	132	138271	29.774	ng/ul	-0.01
15) 4-Methylphenol-d8	8.581	113	142507	28.528	ng/ul	0.00
21) Nitrobenzene-d5	9.058	128	71376	33.967	ng/ul	0.00
24) 2-Nitrophenol-d4	9.769	143	81649	33.735	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	157445	35.485	ng/ul	0.00
31) 4-Chloroaniline-d4	10.852	131	145347	22.605	ng/ul	0.00
46) Dimethylphthalate-d6	13.946	166	510373	34.169	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	562432	34.315	ng/ul	0.00
54) 4-Nitrophenol-d4	14.781	143	86521	37.674	ng/ul	0.00
60) Fluorene-d10	15.528	176	431304	34.499	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	78010	28.288	ng/ul	0.00
73) Anthracene-d10	17.404	188	690303m	35.207	ng/ul	0.00
81) Pyrene-d10	19.651	212	823534	35.246	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.745	264	783558	35.549	ng/ul	0.01
Target Compounds						
					Qvalue	
8) Phenol	7.052	94	1081653	181.934	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.299	93	255694	53.700	ng/ul	96
12) 2-Chlorophenol	7.411	128	546191	118.431	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.681	70	684322	163.114	ng/ul	99
19) Hexachloroethane	8.911	117	354215	153.754	ng/ul	98
22) Nitrobenzene	9.105	77	350091	61.087	ng/ul	99
25) 2-Nitrophenol	9.805	139	211800	84.561	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.099	93	563449	98.282	ng/ul	98
29) 2,4-Dichlorophenol	10.322	162	346228	80.688	ng/ul	95
30) Naphthalene	10.728	128	3307979	216.757	ng/ul	99
35) 4-Chloro-3-methylphenol	11.975	107	746084	150.192	ng/ul	94
41) 2,4,6-Trichlorophenol	12.951	196	352901	94.604	ng/ul	98
42) 2,4,5-Trichlorophenol	13.022	196	771476	200.836	ng/ul	99
44) 2-Chloronaphthalene	13.404	162	1009010	91.175	ng/ul	98
48) 2,6-Dinitrotoluene	14.157	165	852922	291.725	ng/ul	96
50) Acenaphthylene	14.257	152	4078448	222.321	ng/ul	99
52) Acenaphthene	14.593	153	1937834	159.386	ng/ul	99
55) 4-Nitrophenol	14.798	109	579830	194.600	ng/ul	95
57) 2,4-Dinitrotoluene	14.945	165	664872	152.173	ng/ul#	81
59) Diethylphthalate	15.357	149	3809851	248.227	ng/ul	98
61) Fluorene	15.587	166	885367	62.262	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.575	204	1375197	186.872	ng/ul	98
69) Hexachlorobenzene	16.569	284	1576525	309.311	ng/ul	98
71) Pentachlorophenol	16.934	266	784566	253.415	ng/ul	96

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72) Phenanthrene	17.345	178	1527733	68.899	ng/ul	99
74) Anthracene	17.439	178	2145731	95.201	ng/ul	99
78) Di-n-butylphthalate	18.239	149	5875123	234.931	ng/ul	99
80) Fluoranthene	19.328	202	5806188	212.927	ng/ul	99
82) Pyrene	19.686	202	2671663	93.934	ng/ul	99
85) Benzo(a)anthracene	21.410	228	4086811	144.176	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	5287460	291.800	ng/ul#	97
87) Chrysene	21.469	228	5356672	203.786	ng/ul	98
91) Benzo(k)fluoranthene	23.204	252	5738382	210.168	ng/ul	98
95) Dibenzo(a,h)anthracene	26.592	278	3370077	134.386	ng/ul	99

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

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