

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021261.D
 Acq On : 31 Jul 2024 14:46
 Operator : CG/JU
 Sample : P3265-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4DL0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/01/2024
 Supervised By :mohammad ahmed 09/04/2024

Quant Time: Jul 31 15:40:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	157396	20.000	ng/u1	0.00
20) Naphthalene-d8	10.392	136	638568	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	437793	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.086	188	994278	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	968269	20.000	ng/u1	# 0.01
88) Perylene-d12	24.850	264	979053	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	12344	3.569	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.851	99	302643	23.585	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	166974	21.471	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	257720	24.376	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	231154	21.689	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	124634	25.129	ng/u1	0.00
24) 2-Nitrophenol-d4	9.492	143	148104	26.089	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.039	165	359414	35.014	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.557	131	271409	19.958	ng/u1	0.00
46) Dimethylphthalate-d6	13.669	166	907248	28.507	ng/u1	-0.01
49) Acenaphthylene-d8	13.951	160	1023630	28.645	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.563	143	127016	28.051	ng/u1	-0.02
60) Fluorene-d10	15.280	176	802721	30.745	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	131456	21.851	ng/u1	0.00
73) Anthracene-d10	17.192	188	1292433	29.266	ng/u1	0.00
81) Pyrene-d10	19.580	212	1631630	27.256	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.627	264	1485254	30.759	ng/u1	0.03
Target Compounds						
					Qvalue	
8) Phenol	6.875	94	296342	22.822	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.075	93	1255953	117.088	ng/u1	96
12) 2-Chlorophenol	7.216	128	1028636	97.074	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.428	70	1034915	120.078	ng/u1	92
23) Isophorone	9.351	82	3029480	128.259	ng/u1	98
25) 2-Nitrophenol	9.522	139	433814	73.272	ng/u1	95
29) 2,4-Dichlorophenol	10.069	162	1922914	190.078	ng/u1	98
30) Naphthalene	10.445	128	4494796	133.817	ng/u1	99
35) 4-Chloro-3-methylphenol	11.722	107	301018	27.374	ng/u1	98
36) 2-Methylnaphthalene	12.057	142	3394975	147.244	ng/u1	98
41) 2,4,6-Trichlorophenol	12.692	196	299625	33.351	ng/u1	99
42) 2,4,5-Trichlorophenol	12.775	196	614015	64.597	ng/u1	99
48) 2,6-Dinitrotoluene	13.880	165	1812914	280.807	ng/u1	90
50) Acenaphthylene	13.986	152	3855294	95.286	ng/u1	100
52) Acenaphthene	14.333	153	3696403	137.646	ng/u1	99
55) 4-Nitrophenol	14.580	109	182954	49.671	ng/u1	90
56) Dibenzofuran	14.675	168	2880832	78.338	ng/u1	97
57) 2,4-Dinitrotoluene	14.680	165	617660	69.694	ng/u1#	98
59) Diethylphthalate	15.122	149	5183412	160.616	ng/u1	97
61) Fluorene	15.339	166	2983921	99.434	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.333	204	1649450	101.294	ng/u1	95
68) 4-Bromophenyl-phenylether	16.251	248	862269	73.989	ng/u1	94
71) Pentachlorophenol	16.739	266	1020291	140.584	ng/u1	98
72) Phenanthrene	17.133	178	2472563	47.937	ng/u1	100

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

74) Anthracene	17.227	178	5852908	111.308	ng/ul	100
78) Di-n-butylphthalate	18.092	149	6410919	108.101	ng/ul	100
80) Fluoranthene	19.233	202	5548098	76.745	ng/ul	96
83) Butylbenzylphthalate	20.551	149	592681	19.337	ng/ul	98
85) Benzo(a)anthracene	21.527	228	4163334	61.381	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.445	149	10034136	227.487	ng/ul#	94
89) Di-n-octyl phthalate	22.686	149	9123619	141.065	ng/ul	100
90) Benzo(b)fluoranthene	23.809	252	2996643	50.437	ng/ul	98
91) Benzo(k)fluoranthene	23.868	252	2316972	39.076	ng/ul#	98
93) Benzo(a)pyrene	24.698	252	2025940	36.084	ng/ul	98
95) Dibenzo(a,h)anthracene	28.674	278	1585242	26.460	ng/ul	98
96) Benzo(g,h,i)perylene	29.803	276	3921478m	66.555	ng/ul	

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

