

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061423\
 Data File : BP015550.D
 Acq On : 15 Jun 2023 11:56
 Operator : MA/JU
 Sample : 03088-08
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFR4

Quant Time: Jun 15 12:49:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 15 05:36:46 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/16/2023
 Supervised By :mohammad ahmed 06/16/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	1126	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.922	136	6425	20.000	ng/ul	# 0.01
38) Acenaphthene-d10	14.740	164	4475	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.492	188	11255	20.000	ng/ul	0.00
79) Chrysene-d12	21.574	240	12965	20.000	ng/ul	# 0.00
88) Perylene-d12	23.963	264	308272	20.000	ng/ul	-0.15
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	6214	204.356	ng/uL	0.00
4) Pyridine-d5	3.858	84	778	9.850	ng/ul	0.01
7) Phenol-d5	7.240	99	117560	1133.279	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	79383	1281.359	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	97371	1294.654	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	72660	853.455	ng/ul	0.00
21) Nitrobenzene-d5	9.269	128	48360	958.714	ng/ul	0.00
24) 2-Nitrophenol-d4	9.999	143	55091	956.356	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	97164	924.656	ng/ul	0.01
31) 4-Chloroaniline-d4	11.075	131	11166m	74.029	ng/ul	0.02
46) Dimethylphthalate-d6	14.140	166	366866	1039.631	ng/ul	0.00
49) Acenaphthylene-d8	14.428	160	395899	1026.016	ng/ul	0.00
54) 4-Nitrophenol-d4	14.969	143	23952	379.028	ng/ul	0.04
60) Fluorene-d10	15.728	176	317984	1068.588	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	42341	593.833	ng/ul	0.00
73) Anthracene-d10	17.592	188	453911	886.394	ng/ul	0.00
81) Pyrene-d10	19.816	212	520953	750.754	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.963	264	323189m	20.894	ng/ul	0.01
Target Compounds						
						Qvalue
6) Benzaldehyde	7.228	77	5738m	144.715	ng/ul	
8) Phenol	7.275	94	19231	179.696	ng/ul	92
16) Acetophenone	8.922	105	94670	696.776	ng/ul	99
30) Naphthalene	10.969	128	14590	41.906	ng/ul	100
36) 2-Methylnaphthalene	12.575	142	1234m	5.042	ng/ul	
37) 1-Methylnaphthalene	12.787	142	1170	4.748	ng/ul#	97
43) 1,1'-Biphenyl	13.575	154	721	2.083	ng/ul#	74
50) Acenaphthylene	14.463	152	4457	10.430	ng/ul#	86
52) Acenaphthene	14.804	153	1981	6.707	ng/ul#	86
56) Dibenzofuran	15.140	168	1765	4.216	ng/ul#	25
59) Diethylphthalate	15.545	149	1643	4.400	ng/ul#	91
61) Fluorene	15.787	166	1638	4.800	ng/ul#	88
72) Phenanthrene	17.539	178	46528	77.035	ng/ul	98
74) Anthracene	17.633	178	8572	13.988	ng/ul	97
77) Carbazole	17.904	167	7127	12.916	ng/ul	97
78) Di-n-butylphthalate	18.428	149	6170	8.813	ng/ul#	97
80) Fluoranthene	19.492	202	154444	182.721	ng/ul#	58
82) Pyrene	19.845	202	118759	135.806	ng/ul	97
83) Butylbenzylphthalate	20.698	149	2705	6.999	ng/ul#	85
85) Benzo(a)anthracene	21.563	228	73521	81.117	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.457	149	20967	36.701	ng/ul	95
87) Chrysene	21.616	228	102537	119.688	ng/ul	97
90) Benzo(b)fluoranthene	23.351	252	137550m	6.912	ng/ul	
91) Benzo(k)fluoranthene	23.398	252	48939m	2.544	ng/ul	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Benzo(a)pyrene	24.015	252	41204m	2.375	ng/ul	
94) Indeno(1,2,3-cd)pyrene	26.839	276	48080m	2.141	ng/ul	

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

