

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018925.D
 Acq On : 19 Dec 2023 01:32
 Operator : MA/JU
 Sample : 05794-21
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BGRG2

Quant Time: Dec 19 02:24:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 23:34:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	202069	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	687974	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	399653	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	974599	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.315	240	961349	20.000	ng/u1	0.01
88) Perylene-d12	23.692	264	1204963	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	14571	2.457	ng/uL	0.00
4) Pyridine-d5	3.687	84	37744	2.376	ng/u1	0.01
7) Phenol-d5	7.010	99	253397	12.496	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.169	67	149065	12.403	ng/u1	0.00
11) 2-Chlorophenol-d4	7.363	132	204831	12.945	ng/u1	0.00
15) 4-Methylphenol-d8	8.545	113	184194	11.224	ng/u1	0.00
21) Nitrobenzene-d5	8.992	128	93601	15.286	ng/u1	0.00
24) 2-Nitrophenol-d4	9.716	143	98182	15.466	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	185976	14.327	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	131115	7.729	ng/u1	0.00
46) Dimethylphthalate-d6	13.880	166	526740	14.767	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	646494	16.460	ng/u1	0.00
54) 4-Nitrophenol-d4	14.680	143	61609	10.522	ng/u1	0.01
60) Fluorene-d10	15.457	176	515319	17.211	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.586	200	22450	3.842	ng/u1	0.00
73) Anthracene-d10	17.316	188	876100	17.099	ng/u1	0.00
81) Pyrene-d10	19.557	212	1085300	14.503	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.539	264	1146251	16.315	ng/u1	0.02
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.975	77	13427	1.282	ng/u1#	68
8) Phenol	7.040	94	45436	2.285	ng/u1	95
16) Acetophenone	8.657	105	238424	9.748	ng/u1	99
30) Naphthalene	10.675	128	120121	2.878	ng/u1	98
36) 2-Methylnaphthalene	12.286	142	49875	1.687	ng/u1	95
37) 1-Methylnaphthalene	12.504	142	42228	1.414	ng/u1#	96
50) Acenaphthylene	14.186	152	323440	7.324	ng/u1	99
52) Acenaphthene	14.527	153	126963	4.348	ng/u1	97
56) Dibenzofuran	14.863	168	126874	3.126	ng/u1	97
61) Fluorene	15.510	166	214112	6.668	ng/u1	98
69) Hexachlorobenzene	16.516	284	44578	3.245	ng/u1	97
72) Phenanthrene	17.257	178	3449167	58.598	ng/u1	100
74) Anthracene	17.345	178	1075328	18.226	ng/u1	99
77) Carbazole	17.621	167	328775	6.992	ng/u1	99
78) Di-n-butylphthalate	18.174	149	70645	1.128	ng/u1#	93
80) Fluoranthene	19.233	202	6420407m	72.583	ng/u1	
82) Pyrene	19.586	202	6066875	67.987	ng/u1#	91
85) Benzo(a)anthracene	21.298	228	3546059	45.444	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.221	149	356502	7.940	ng/u1#	96
87) Chrysene	21.351	228	3542410	49.297	ng/u1	96
90) Benzo(b)fluoranthene	22.974	252	5113417	57.556	ng/u1	97
91) Benzo(k)fluoranthene	23.009	252	1346679m	15.666	ng/u1	
93) Benzo(a)pyrene	23.592	252	3373809	41.560	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.174	276	2599350	26.800	ng/u1#	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Dibenzo(a,h)anthracene	26.174	278	727944	9.022	ng/ul#	91
96) Benzo(g,h,i)perylene	26.927	276	952774	12.206	ng/ul	95

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

