Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022831.D
Acq On : 04 Nov 2024 17:40
Operator : RC/JU
Sample : P4568-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 04 21:54:02 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

Instrument :
BNA_P
ClientSampleId :
A4EA4

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	79682	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.387	136	309461	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.257	164	258967	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.063	188	655932	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.498	240	713524	20.000	ng/ul	# 0.00
88) Perylene-d12	24.733	264	847830	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	5421m	2.644	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.828	99	109167	16.276	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	61555	15.614	ng/ul	0.00
11) 2-Chlorophenol-d4	7.175	132	83449	17.534	ng/ul	0.00
15) 4-Methylphenol-d8	8.346	113	81831	15.287	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	41788	17.562	ng/ul	0.00
24) 2-Nitrophenol-d4	9.487	143	48815	17.720	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.022	165	122277	20.884	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.534	131	80667	11.660	ng/ul	0.00
46) Dimethylphthalate-d6	13.663	166	392526	19.077	ng/ul	0.00
49) Acenaphthylene-d8	13.945	160	406366	18.595	ng/ul	0.00
54) 4-Nitrophenol-d4	14.486	143	51704	14.979	ng/ul	-0.02
60) Fluorene-d10	15.257	176	356185	19.958	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.404	200	59789	13.859	ng/ul	0.00
73) Anthracene-d10	17.163	188	593862	19.246	ng/ul	0.00
81) Pyrene-d10	19.539	212	771859	20.456	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.504	264	889485	19.645	ng/ul	-0.02
Target Compounds						Qvalue
8) Phenol	6.852	94	166685	23.886	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.063	93	727295	139.257	ng/ul	99
12) 2-Chlorophenol	7.204	128	315882	64.184	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.428	70	630672	140.862	ng/ul	99
19) Hexachloroethane	8.681	117	217803	95.025	ng/ul	100
22) Nitrobenzene	8.816	77	197173	27.761	ng/ul	99
23) Isophorone	9.334	82	1481167	116.311	ng/ul	98
25) 2-Nitrophenol	9.516	139	101642	34.236	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.810	93	972170	134.450	ng/ul	98
29) 2,4-Dichlorophenol	10.046	162	465163	80.677	ng/ul	97
33) Hexachlorobutadiene	10.710	225	551513	113.491	ng/ul	99
35) 4-Chloro-3-methylphenol	11.687	107	189731	30.160	ng/ul	99
36) 2-Methylnaphthalene	12.045	142	516292	42.672	ng/ul	96
41) 2,4,6-Trichlorophenol	12.669	196	779013	129.336	ng/ul	98
42) 2,4,5-Trichlorophenol	12.745	196	179283	27.955	ng/ul	97
48) 2,6-Dinitrotoluene	13.834	165	703364	181.373	ng/ul	94
50) Acenaphthylene	13.975	152	324183	14.293	ng/ul	99
52) Acenaphthene	14.328	153	1356968	84.609	ng/ul	99
55) 4-Nitrophenol	14.504	109	230182	60.083	ng/ul	87
57) 2,4-Dinitrotoluene	14.657	165	694918	115.318	ng/ul	99
61) Fluorene	15.322	166	2576981	131.281	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.322	204	490969	43.738	ng/ul	98
68) 4-Bromophenyl-phenylether	16.222	248	246817	31.203	ng/ul	98
69) Hexachlorobenzene	16.363	284	1733301	178.022	ng/ul	93

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71) Pentachlorophenol	16.710	266	981498	156.779	ng/ul	97
72) Phenanthrene	17.104	178	1088602	31.020	ng/ul	99
74) Anthracene	17.198	178	1033393	29.508	ng/ul	99
78) Di-n-butylphthalate	18.063	149	4038319	117.779	ng/ul	100
80) Fluoranthene	19.192	202	4957150	114.278	ng/ul	96
82) Pyrene	19.569	202	2162223	46.507	ng/ul	96
83) Butylbenzylphthalate	20.516	149	476887	29.461	ng/ul	99
85) Benzo(a)anthracene	21.480	228	4220820	84.381	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	2971423	127.888	ng/ul	98
87) Chrysene	21.551	228	6258207	134.931	ng/ul	99
90) Benzo(b)fluoranthene	23.721	252	6184712	115.889	ng/ul#	98
93) Benzo(a)pyrene	24.574	252	1318412	26.842	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	28.474	276	1416087m	21.605	ng/ul	
95) Dibenzo(a,h)anthracene	28.480	278	2916887	54.957	ng/ul	99
96) Benzo(g,h,i)perylene	29.550	276	971109m	19.048	ng/ul	

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

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