Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020746.D
Acq On : 02 Jul 2024 11:36
Operator : MA/JU
Sample : P2963-19DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jul 02 12:38:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4DK6DL

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay
07/02/2024
Supervised By :mohammad ahmed
07/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	208932	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.510	136	854444	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.369	164	537346	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.187	188	1010422	20.000	ng/ul	0.00
79) Chrysene-d12	21.639	240	750650	20.000	ng/ul	0.00
88) Perylene-d12	24.998	264	938107	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	3477	0.715	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.922	99	95877	5.595	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	57706	5.312	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.281	132	80706	5.763	ng/ul	0.00
15) 4-Methylphenol-d8	8.440	113	78417	5.634	ng/ul	0.00
21) Nitrobenzene-d5	8.887	128	38385	6.085	ng/ul	0.00
24) 2-Nitrophenol-d4	9.593	143	40839	6.469	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.134	165	94564	7.272	ng/ul	0.00
31) 4-Chloroaniline-d4	10.652	131	77243	4.239	ng/ul	0.00
46) Dimethylphthalate-d6	13.781	166	273177	7.312	ng/ul	0.00
49) Acenaphthylene-d8	14.057	160	301380	6.760	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	31134	5.454	ng/ul	0.00
60) Fluorene-d10	15.381	176	228643	7.273	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	21520	4.226	ng/ul	0.00
73) Anthracene-d10	17.281	188	326816	7.207	ng/ul	0.00
81) Pyrene-d10	19.669	212	334550	7.419	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.751	264	334958	7.340	ng/ul	-0.01
Target Compounds						Qvalue
8) Phenol	6.952	94	139409	7.978	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.175	93	617602	42.688	ng/ul	97
12) 2-Chlorophenol	7.316	128	282733	20.082	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.534	70	462351	39.135	ng/ul	98
19) Hexachloroethane	8.799	117	156409	25.591	ng/ul	91
22) Nitrobenzene	8.928	77	139491	8.530	ng/ul	98
23) Isophorone	9.452	82	1126283	34.759	ng/ul	98
25) 2-Nitrophenol	9.628	139	82900	12.160	ng/ul	92
27) Bis(2-Chloroethoxy)met...	9.922	93	796254	41.308	ng/ul	99
29) 2,4-Dichlorophenol	10.163	162	336026	26.107	ng/ul	97
33) Hexachlorobutadiene	10.834	225	317742	33.021	ng/ul	98
35) 4-Chloro-3-methylphenol	11.793	107	141063	9.926	ng/ul	98
36) 2-Methylnaphthalene	12.163	142	394908	12.891	ng/ul	99
41) 2,4,6-Trichlorophenol	12.781	196	452660	44.168	ng/ul	99
42) 2,4,5-Trichlorophenol	12.857	196	107092	10.075	ng/ul	97
48) 2,6-Dinitrotoluene	13.946	165	417400	61.507	ng/ul	91
50) Acenaphthylene	14.087	152	229774	4.563	ng/ul	98
52) Acenaphthene	14.434	153	906513	27.137	ng/ul	99
55) 4-Nitrophenol	14.610	109	88176	17.261	ng/ul	99
57) 2,4-Dinitrotoluene	14.751	165	380490	40.618	ng/ul	93
61) Fluorene	15.434	166	1470658	40.663	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.434	204	251060	13.302	ng/ul	99
68) 4-Bromophenyl-phenylether	16.351	248	113383	10.060	ng/ul	97
69) Hexachlorobenzene	16.457	284	691873	54.839	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Pentachlorophenol	16.822	266	367354	50.575	ng/ul	96
72) Phenanthrene	17.228	178	544588	10.292	ng/ul	99
74) Anthracene	17.316	178	540407	9.929	ng/ul	99
78) Di-n-butylphthalate	18.198	149	2318739	39.745	ng/ul	100
80) Fluoranthene	19.322	202	1887629	34.268	ng/ul	99
82) Pyrene	19.698	202	833549	14.755	ng/ul	98
83) Butylbenzylphthalate	20.651	149	216070	10.300	ng/ul	96
85) Benzo(a)anthracene	21.622	228	1489925	28.318	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.557	149	1309994	40.220	ng/ul	100
87) Chrysene	21.692	228	2114756	42.523	ng/ul	99
90) Benzo(b)fluoranthene	23.927	252	2132010	37.514	ng/ul	99
93) Benzo(a)pyrene	24.821	252	466002	8.686	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.886	276	489113m	7.108	ng/ul	
95) Dibenzo(a,h)anthracene	28.886	278	1014620m	17.940	ng/ul	
96) Benzo(g,h,i)perylene	29.968	276	346646m	6.170	ng/ul	

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

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