Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP017990.D
Acq On : 09 Nov 2023 16:09
Operator : MA/JU
Sample : SSTD04049
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD040613

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/15/2023

Quant Time: Nov 09 22:22:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 21:43:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	60027	20.000	ng/ul	0.00
20) Naphthalene-d8	10.687	136	255839	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.545	164	168351	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.322	188	382239	20.000	ng/ul	0.00
79) Chrysene-d12	21.451	240	370602	20.000	ng/ul	0.00
88) Perylene-d12	23.962	264	399079	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	28470	16.236	ng/uL	0.00
4) Pyridine-d5	3.675	84	201053	44.115	ng/ul	0.00
7) Phenol-d5	7.034	99	247102	43.804	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	148088	43.337	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	192021	42.543	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	199520	44.097	ng/ul	0.00
21) Nitrobenzene-d5	9.075	128	95449	41.661	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	112316	44.048	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	196273	42.968	ng/ul	0.00
31) 4-Chloroaniline-d4	10.863	131	275105	43.949	ng/ul	0.00
46) Dimethylphthalate-d6	13.963	166	638897	41.283	ng/ul	0.00
49) Acenaphthylene-d8	14.245	160	696447	41.977	ng/ul	0.00
54) 4-Nitrophenol-d4	14.792	143	109310	48.225	ng/ul	0.00
60) Fluorene-d10	15.545	176	531741	41.454	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	116326	43.584	ng/ul	0.00
73) Anthracene-d10	17.422	188	849484	41.477	ng/ul	0.00
81) Pyrene-d10	19.674	212	1016432	42.615	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.798	264	966858	41.681	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	32866	16.855	ng/uL	94
5) Pyridine	3.699	79	201221	43.011	ng/ul	96
6) Benzaldehyde	7.034	77	145602	46.892	ng/ul	98
8) Phenol	7.057	94	240724	43.336	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.310	93	191257	43.624	ng/ul	96
12) 2-Chlorophenol	7.422	128	192986	42.034	ng/ul	99
13) 2-Methylphenol	8.316	108	181309	43.550	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.381	45	220081m	43.322	ng/ul	
16) Acetophenone	8.728	105	311861	43.106	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.693	70	169253	42.714	ng/ul	99
18) 4-Methylphenol	8.657	108	195642	43.334	ng/ul	95
19) Hexachloroethane	8.922	117	90742	41.345	ng/ul	99
22) Nitrobenzene	9.116	77	260967	41.864	ng/ul	98
23) Isophorone	9.628	82	469653	42.553	ng/ul	97
25) 2-Nitrophenol	9.816	139	114704	43.747	ng/ul	98
26) 2,4-Dimethylphenol	9.863	107	241132	43.023	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.116	93	258723	41.521	ng/ul	98
29) 2,4-Dichlorophenol	10.340	162	189065	43.165	ng/ul	96
30) Naphthalene	10.740	128	631688	40.721	ng/ul	99
32) 4-Chloroaniline	10.887	127	262658	43.859	ng/ul	99
33) Hexachlorobutadiene	10.957	225	130541	40.115	ng/ul	96
34) Caprolactam	11.728	113	61294m	43.852	ng/ul	
35) 4-Chloro-3-methylphenol	11.998	107	224296	43.007	ng/ul	98
36) 2-Methylnaphthalene	12.351	142	438829	41.387	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.575	142	445840	41.275	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.704	216	232095	40.658	ng/ul	99
40) Hexachlorocyclopentadiene	12.645	237	114173	41.834	ng/ul	98
41) 2,4,6-Trichlorophenol	12.969	196	160223	43.169	ng/ul	97
42) 2,4,5-Trichlorophenol	13.045	196	170717	43.573	ng/ul	97
43) 1,1'-Biphenyl	13.375	154	586738	40.988	ng/ul	98
44) 2-Chloronaphthalene	13.422	162	468062	41.334	ng/ul	99
45) 2-Nitroaniline	13.675	65	162002	45.223	ng/ul	98
47) Dimethylphthalate	14.010	163	626463	40.126	ng/ul	99
48) 2,6-Dinitrotoluene	14.169	165	129378	44.132	ng/ul	90
50) Acenaphthylene	14.275	152	781372	41.123	ng/ul	99
51) 3-Nitroaniline	14.510	138	125406	45.986	ng/ul	100
52) Acenaphthene	14.610	153	518131	41.037	ng/ul	99
53) 2,4-Dinitrophenol	14.722	184	67228	42.917	ng/ul	97
55) 4-Nitrophenol	14.810	109	137288	44.710	ng/ul	97
56) Dibenzofuran	14.945	168	714927	41.021	ng/ul	99
57) 2,4-Dinitrotoluene	14.957	165	194169	43.303	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.169	232	149286	42.969	ng/ul	99
59) Diethylphthalate	15.369	149	710858	28.292	ng/ul	100
61) Fluorene	15.604	166	600711	40.868	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.592	204	293752	40.712	ng/ul	96
63) 4-Nitroaniline	15.686	138	122383	47.408	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.710	198	121100	43.311	ng/ul#	99
67) N-Nitrosodiphenylamine	15.822	169	507873	41.486	ng/ul	98
68) 4-Bromophenyl-phenylether	16.498	248	173408	41.551	ng/ul	100
69) Hexachlorobenzene	16.580	284	192075	40.599	ng/ul	99
70) Atrazine	16.786	200	185237	43.725	ng/ul	95
71) Pentachlorophenol	16.951	266	123836	42.617	ng/ul	97
72) Phenanthrene	17.369	178	968033	40.686	ng/ul	99
74) Anthracene	17.463	178	992805	41.273	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.328	216	235634	41.088	ng/uL	98
76) Pentachlorobenzene	14.839	250	228932	40.624	ng/uL	98
77) Carbazole	17.757	167	898595	43.261	ng/ul	99
78) Di-n-butylphthalate	18.263	149	1142950	40.914	ng/ul	99
80) Fluoranthene	19.345	202	1173861	42.521	ng/ul	99
82) Pyrene	19.704	202	1232427	42.239	ng/ul	100
83) Butylbenzylphthalate	20.568	149	547085	43.300	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.374	252	387473	44.122	ng/ul	99
85) Benzo(a)anthracene	21.433	228	1233111	41.388	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.310	149	754374	42.580	ng/ul	99
87) Chrysene	21.492	228	1152023	41.051	ng/ul	100
89) Di-n-octyl phthalate	22.274	149	1300713	42.940	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	1182060	41.213	ng/ul	98
91) Benzo(k)fluoranthene	23.233	252	1204158	42.063	ng/ul	99
93) Benzo(a)pyrene	23.851	252	1129984	41.796	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.633	276	1332221	41.575	ng/ul	98
95) Dibenzo(a,h)anthracene	26.656	278	1101651	41.584	ng/ul	98
96) Benzo(g,h,i)perylene	27.468	276	1069011	41.805	ng/ul	99

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

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