

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
 Data File : BP014337.D
 Acq On : 28 Mar 2023 11:15
 Operator : CG/JU
 Sample : SST00541
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST005624

Quant Time: Mar 29 00:58:42 2023
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 29 00:54:55 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo
 03/29/2023
 Supervised By :Jagrit
 Upadhyay
 03/29/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	138281	20.000	ng/u1	0.00
20) Naphthalene-d8	10.857	136	576664	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.681	164	377373	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	817514	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	626471	20.000	ng/u1	0.00
88) Perylene-d12	24.057	264	603211	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	6963	1.953	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/u1	
11) 2-Chlorophenol-d4	7.564	132	40449	4.388	ng/u1	0.01
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	9.210	128	19335	4.153	ng/u1	0.01
24) 2-Nitrophenol-d4	9.940	143	21696	4.070	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.487	165	42189	4.346	ng/u1	0.02
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	14.087	166	144920	4.736	ng/u1	0.00
49) Acenaphthylene-d8	14.375	160	149970	4.417	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.675	176	123174	4.827	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.545	188	185526	4.689	ng/u1	0.00
81) Pyrene-d10	19.769	212	194633	4.625	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.892	264	144804	4.518	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	7825	1.997	ng/uL	89
12) 2-Chlorophenol	7.593	128	44100	4.597	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.846	70	40943	4.462	ng/u1	95
19) Hexachloroethane	9.116	117	18967	4.525	ng/u1	94
22) Nitrobenzene	9.252	77	58498	4.374	ng/u1	97
23) Isophorone	9.775	82	107439	4.358	ng/u1	99
25) 2-Nitrophenol	9.969	139	23785	4.227	ng/u1	94
26) 2,4-Dimethylphenol	10.028	107	56129m	4.478	ng/u1	
27) Bis(2-Chloroethoxy)met...	10.257	93	69787	4.722	ng/u1	97
29) 2,4-Dichlorophenol	10.510	162	42727	4.472	ng/u1	90
30) Naphthalene	10.905	128	154034	4.795	ng/u1	98
33) Hexachlorobutadiene	11.181	225	36482	4.820	ng/u1	99
35) 4-Chloro-3-methylphenol	12.152	107	51771	4.406	ng/u1	96
36) 2-Methylnaphthalene	12.510	142	103261	4.744	ng/u1	94
37) 1-Methylnaphthalene	12.728	142	102708	4.757	ng/u1	97
39) 1,2,4,5-Tetrachloroben...	12.875	216	63226	4.699	ng/u1	99
41) 2,4,6-Trichlorophenol	13.122	196	36558m	4.396	ng/u1	
42) 2,4,5-Trichlorophenol	13.210	196	37691	4.252	ng/u1	91
43) 1,1'-Biphenyl	13.516	154	146569	4.807	ng/u1	99
44) 2-Chloronaphthalene	13.563	162	116792	4.845	ng/u1	99
45) 2-Nitroaniline	13.775	65	30105m	4.055	ng/u1	
47) Dimethylphthalate	14.134	163	147917	4.835	ng/u1#	98
48) 2,6-Dinitrotoluene	14.263	165	24712	4.134	ng/u1#	86
50) Acenaphthylene	14.404	152	162422	4.492	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.745	153	124141	4.859	ng/u1	98
56) Dibenzofuran	15.081	168	178124	4.959	ng/u1	99
57) 2,4-Dinitrotoluene	15.051	165	35210	4.153	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.316	232	35053	4.400	ng/u1	97
59) Diethylphthalate	15.493	149	145704	4.793	ng/u1	97
61) Fluorene	15.734	166	144813	4.974	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.722	204	76891	4.916	ng/u1	98
67) N-Nitrosodiphenylamine	15.940	169	117365	4.614	ng/u1	99
68) 4-Bromophenyl-phenylether	16.622	248	47570	4.676	ng/u1	98
69) Hexachlorobenzene	16.740	284	55879	4.782	ng/u1	100
72) Phenanthrene	17.487	178	217668	4.786	ng/u1	99
74) Anthracene	17.581	178	217774	4.751	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.481	216	64662	4.493	ng/uL	97
76) Pentachlorobenzene	14.998	250	67364	4.691	ng/uL	98
78) Di-n-butylphthalate	18.381	149	208808	4.329	ng/u1	98
80) Fluoranthene	19.445	202	228563	4.594	ng/u1	98
82) Pyrene	19.798	202	254435	4.898	ng/u1	99
83) Butylbenzylphthalate	20.657	149	72044	4.026	ng/u1	99
85) Benzo(a)anthracene	21.516	228	208421	4.695	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	97189	3.972	ng/u1	99
87) Chrysene	21.569	228	196837	4.696	ng/u1	98
90) Benzo(b)fluoranthene	23.280	252	184882	4.538	ng/u1	98
91) Benzo(k)fluoranthene	23.333	252	187090	4.728	ng/u1	100
93) Benzo(a)pyrene	23.939	252	157848	4.501	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	26.715	276	226496	4.695	ng/u1	98
95) Dibenzo(a,h)anthracene	26.727	278	193914	4.801	ng/u1	98
96) Benzo(g,h,i)perylene	27.527	276	188462	4.792	ng/u1	98

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

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